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H.E.L.P.

Help End Landfill Pollution

Data Tracking & Management Control System

Project Manager: Gavin Hamilton

JUNE , 1988

Alberta
ENVIRONMENT

INDUSTRIAL WASTE LANDFILL PROGRAM
HELP END LANDFILL POLLUTION, (H.E.L.P.)

DATA TRACKING AND MANAGEMENT CONTROL SYSTEM

EXECUTIVE SUMMARY

The H.E.L.P. Data Tracking and Management Control System was created to provide tracking and management capabilities of industrial landfills in Alberta for the Department of Environment. Information gathered on industrial landfills during the H.E.L.P. program has been summarized in order to provide a quick reference to the large amount of information which is on file. The system breaks down the landfill inventory on a site by site basis and gives the pertinent physical data for each site. In addition, each site has been given a status code to designate its present disposition. A management summary is provided which characterizes the overall status of the inventory.

With the control system in place it is possible to ensure that the status and physical data on every industrial landfill is kept current with the activities of both companies and the Department.

Using the System

A landfill at any particular company can be found by searching for the company name which is listed in alphabetical order. An individual company having more than one landfill will have all of it's sites printed consecutively in the summary. Once the landfill of interest is found, the user can then read across and retrieve the summarized information.

Data Tracking Printout Fields

Information for the landfill inventory has been printed out into columns with a row for each individual landfill record. The information compiled into these columns (or fields) is grouped into four types as on the next page.

Identifier Fields. As mentioned above, sites are listed in alphabetical order by the name of the company which currently owns the property. If the original landfill operator is different from the current landowner, it's name will be indicated in brackets next to the landowner. Beside the company name is given the H.E.L.P. file number which consists of three parts. The landfill number itself is in the last column in this field group. Note that one file number (ie. facility) may have several landfills.

Management Fields. There are three management fields or columns. The first, "L/F LIC", is a logic field and is T (true) if the landfill has been licensed by Alberta Environment. The next field, "OPEN", is either an O (landfill open), a C (landfill closed) or an A (abandoned). Site "STATUS" is number coded. Status number codes presently range from 10 to 38 and are expandable. The status codes indicate the current disposition of the site (eg: testing complete, licensing currently underway, etc.). A key to the status codes which are used is given as a preface to the printout sheets.

Locational Fields. These fields simply give the location of individual landfills by section, township, range, meridian and closest population centre.

Comment Fields. This field group contains detailed information about the landfill history, waste types, design and operation. Where a zero exists under the operational dates column, the date is unknown or indicates the site is still active.

Together these fields provide the basis for the Data Tracking and Management Control System.

Management Control

The management control component of the system is based upon a breakdown of the management fields on the data tracking printout. This component is intended to give management an insight as to the disposition of the inventory as a whole and to help point out areas requiring attention.

A summary breakdown of the numbers involved follows.

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COMPANY	TYPE	SUB	GRP	L/F N	L/F LIC	L/F STAT	STATUS	SECT	TWP	RGE	W/M	AREA	OPER FROM	OPER TO	OVERALL COMMENTS	WASTE TYPES	DESIGN & OPERATION
AEC Oil and Gas Co. Ltd.	PUD	3	001	1	F	0	20	2	72	6	4	Ipiatik LA	1984	0	(BS-HL-123)	General refuse.	
AEC Oil and Gas Company Ltd.	HCF	2	001	1	F	0	34	3	19	9	4	Suffield	1981	0	Disposal method approved by SBA. (BS-HL-047)	Iron sponge (wood chips with Fe2S3).	Lime spread on iron sponge.
Ace Salvage Ltd.	SEC	5	001	1	F	0	20	9	23	1	5	Calgary	1987	0		Ash, concrete, construction debris.	Removal of waste occasionally to City of Calgary.
Agriculture Canada	FED	1	001	1	F	0	35	24	40	27	4	Lacombe	0	0	SW1/4. Agriculture Research Station.	Lab wastes.	
Agriculture Canada	FED	1	001	2	F	C	35	24	40	27	4	Lacombe	0	1958	SW1/4. Agriculture Research Station.	Dirt, manure, parts of plants, some domestic.	
Agriculture Canada	FED	1	001	3	F	C	35	24	40	27	4	Lacombe	1964	1984	SW1/4. Next to Site (#1) Agriculture Research Stn.	Laboratory waste, (glass, etc.), water pipes, plastics, household.	
Agriculture Canada	FED	1	001	4	F	0	35	24	40	27	4	Lacombe	1984	0	SW1/4. Research station, new landfill site.	Demolition and general debris.	Glacial pothole.
Agriculture Canada	FED	1	002	1	T	0	35	6	9	22	4	Lethbridge	1934	0	NE1/4. New and approved landfill.	Trade waste.	2 piezometers at 9.5 and 12.5 meters, A.E. approved.
Agriculture Canada	FED	1	002	2	F	0	35	7	9	22	4	Lethbridge	0	0	NW1/4. Consists of two cells.	Metal, wood, construction, domestic, plant matter.	Older cell is inactive and partially closed.
Agriculture Canada	FED	1	002	3	F	C	35	7	9	22	4	Lethbridge	0	0		Lab wastes.	Possible use tire dump.
Alberta Gas Chemicals Ltd.	CHP	2	001	1	F	0	20	14	13	6	4	Twd. Hat	1980	0		Ion exchange resins, (10-12 barrels).	

IDENTIFIER FIELDS
MANAGEMENT FIELDS
LOCATION FIELDS
COMMENT FIELDS

DATA TRACKING & MANAGEMENT CONTROL SYSTEM

MANAGEMENT CONTROL SUMMARY

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MANAGEMENT CONTROL SUMMARY

TOTAL NO. OF SITES ON INVENTORY: 680 SITES

TOTAL NO. OF INDUSTRIAL LANDFILLS: 634 SITES

TOTAL NO. OF ABANDONED SITES: 46 SITES

ACTIVE INDUSTRIAL LANDFILLS: 219 SITES

TWP. 40 & NORTH: 144 SITES
TWP. 39 & SOUTH: 75 SITES

CLOSED INDUSTRIAL LANDFILLS: 415 SITES

TWP. 40 & NORTH: 276 SITES
TWP. 39 & SOUTH: 139 SITES

DATA TRACKING & MANAGEMENT CONTROL SYSTEM

STATUS CODES & DATA TRACKING PRINTOUT SHEETS

INDUSTRIAL WASTE LANDFILL PROGRAM
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DATA TRACKING AND MANAGEMENT CONTROL SYSTEM STATUS CODE NUMBERS

SITE STATUS	PRESENT DISPOSITION		
	CURRENTLY UNDERWAY CODE	REQUIRED CODE	COMPLETED CODE
LICENSING.....	10	20	30
PROPER CLOSURE.....	11	21	31
CLEAN-UP/REMOVAL.....	12	22	32
TESTING/SAMPLING.....	13	23	33
INVESTIGATION.....	14	24	34
PRELIMINARY RISK..... ASSESSMENT	15	25	35
DEPARTMENTAL REVIEW.....	16	26	36
OPERATIONAL AMENDMENTS....	17	27	37
OTHER ACTIONS..... (SEE COMMENT FIELD)	18	28	38

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COMPANY	TYPE	SUB	SPP	L/F #	L/F LIC	L/F STAT	STATUS	SECT	TWP	RGE	W/M	AREA	OPER FROM	OPER TO	OVERALL COMMENTS	WASTE TYPES	DESIGN & OPERATION
AEC Oil and Gas Co. Ltd.	PUO	3	001	1	F	O	20	2	73	6	4	Ipiatik Lk	1984	0	(85-WL-139)	General refuse.	
AEC Oil and Gas Company Ltd.	HCP	2	001	1	F	O	34	3	19	9	4	Suffield	1981	0	Disposal method approved by S&A. (86-WL-047)	Iron sponge (wood chips with Fe2S3).	Lime spread on iron sponge.
Ace Salvage Ltd.	SEC	5	001	1	F	O	20	0	23	1	5	Calgary	1987	0		Ash, concrete, construction debris.	Removal of waste occassionally to City of Calgary.
Agriculture Canada	FED	1	001	1	F	O	35	24	40	27	4	Lacombe	0	0	SW1/4. Agriculture Research Station.	Lab wastes.	
Agriculture Canada	FED	1	001	2	F	C	35	24	40	27	4	Lacombe	0	1950	SW1/4. Agriculture Research Station.	Dirt, manure, parts of plants, some domestic.	
Agriculture Canada	FED	1	001	3	F	C	35	24	40	27	4	Lacombe	1964	1984	SW1/4. Next to Site (#1) Agriculture Research Stn.	Laboratory waste, (glass, etc.), water pipes, plastics, household.	
Agriculture Canada	FED	1	001	4	F	O	35	24	40	27	4	Lacombe	1984	0	SW1/4. Research station, new landfill site.	Demolition and general debris.	Glacial pothole.
Agriculture Canada	FED	1	002	1	T	O	35	6	9	22	4	Lethbridge	1984	0	NE1/4. New and approved landfill.	Trade waste.	2 piezometers at 9.5 and 12.5 meters, A.E. approved.
Agriculture Canada	FED	1	002	2	F	O	35	7	9	22	4	Lethbridge	0	0	NW1/4. Consists of two cells.	Metal, wood, construction, domestic, plant matter.	Older cell is inactive and partially closed.
Agriculture Canada	FED	1	002	3	F	C	35	7	9	22	4	Lethbridge	0	0		Lab wastes.	Possible one time dump.
Alberta Gas Chemicals Ltd.	CHP	2	001	1	F	O	20	14	13	6	4	Med. Hat	1980	0		Ion exchange resins, (10-12 barrels).	
Alberta Hospital - Ponoka	SIG	4	001	1	F	C	31	30	42	25	4	Ponoka	1911	1972	Site reclaimed by Alberta Environment in 1976.	General refuse.	Site reclaimed by Alberta Environment.
Alberta Natural Gas Co. Ltd.	HCP	2	002	1	F	C	35	0	26	4	5	Cochrane	1969	1983	(84-WL-106)	Construction debris.	Site capped.
Alberta Power Ltd.	UTL	1	003	1	F	C	35	32	28	13	4	Sheerness	1982	1984	Site is now beneath the cooling pond (85-WL-131).	Construction debris.	Disposed of in clay borrow pit.
Alberta Power Ltd.	UTL	1	003	2	F	C	35	32	28	13	4	Sheerness	1982	1986	(85-WL-131)	Construction debris.	
Alberta Power Ltd.	UTL	1	001	1	F	C	35	29	40	15	4	Battle Riv	1956	1967	(82-WL-192)	Scrap iron.	

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COMPANY	TYPE	SUB GRP	L/F #	L/F LIC	L/F STAT	STATUS	SECT	TWP	RGE	W/M	AREA	OPER FROM	OPER TO	OVERALL COMMENTS	WASTE TYPES	DESIGN & OPERATION
Alberta Power Ltd.	UTL	1 001	2	F	C		35	29	40	15	4 Battle Riv	1956	1973	(82-WL-192)	Camp refuse, ash. Volumes unknown but considered high.	
Alberta Power Ltd.	UTL	1 001	3	F	C		35	29	40	15	4 Battle Riv	1967	1969	(82-WL-192)	Scrap iron, wood transmission poles (treated).	
Alberta Power Ltd.	UTL	1 001	4	F	C		35	29	40	15	4 Battle Riv	1972	1975	(82-WL-192)	General refuse (camp), fly ash.	
Alberta Power Ltd.	UTL	1 001	5	F	C		35	29	40	15	4 Battle Riv	1975	1981	Company disposed of wastes with overburden. (82-WL-192)	General refuse (camp waste), const. debris, scrap iron.	
Alberta Power Ltd.	UTL	1 001	6	F	O		20	29	40	15	4 Battle Riv	1981	0	Company disposed of wastes with overburden. (87-WL-110A)	General refuse, construction debris.	Some records kept on wastes going into landfill.
Alberta Power Ltd.	UTL	2 001	1	F	C		12	0	69	22	5 Valleyview	1967	1967	Cleanup action planned for 1987.	Wire and wire spools.	
Alberta Power Ltd.	UTL	2 001	2	F	C		35	0	63	25	5 Simonette	1980	1980		Iron, calcium chloride, insulating cement. Less than one tonne.	
Alberta Rockwool	ARC	1 022	1	F	O		14	0	24	10	5 Canmore	0	0	Investigation currently underway.	Report of 40 bbls. of resin oil buried at site.	
Alcan Smelters & Chemicals Ltd.	CHP	2 002	1	F	O		20	8	53	23	4 Edmonton	1974	0	(84-WL-127)	Waste coke.	
Alta. Public Works-Supply & Services	SIG	4 002	1	F	C		35	12	59	16	4 Smoky Lake	1978	1986	All asbestos material was removed from the site & taken to Clover Bar in 1986.	Concrete, ash and wood.	
Alta. Public Works-Supply & Services	SIG	4 002	2	F	C		35	12	59	16	4 Smoky Lake	1984	1986		Polystyrene plastic.	
Alta. Public Works-Supply & Services	SIG	4 002	3	F	O		20	12	59	16	4 Smoky Lake	1986	0	Most plastic bags are now disposed of at the Smoky Lake landfill.	Wood, plastic bags, cardboard, seed wings.	
Alta. Western Post & Timber Treating	ARC	2 016	1	F	A		14	0	39	27	4 Red Deer	0	0	Air photo research currently underway.	Wood preserver employing 16-25 people.	Investigation planned for 1988.
Amerada Minerals Corp. of Canada Ltd.	HCP	2 004	1	F	C		35	18	32	1	5 Olds	1964	1984	Site didn't meet S&A guidelines & was closed. (83-WL-173)	Filters, activated carbon, general refuse.	Ground water monitoring at plant site.
Amerada Minerals Corp. of Canada Ltd.	HCP	2 003	1	F	C		35	4	41	7	5 Rky.Mtn.Hs	1969	1973	Residue was hauled to Rocky Mtn. House town landfill.	General refuse.	Reclamation work has been carried out.

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COMPANY	TYPE	SUB	GRP	L/F #	L/F LIC	L/F STAT	STATUS	SECT	TWP	RGE	W/M	AREA	OPER FROM	OPER TO	OVERALL COMMENTS	WASTE TYPES	DESIGN & OPERATION
Amoco Canada Petroleum Co. Ltd.	HCP	2	005	1	F	O		20	10	61	22	5 Fox Creek	1968	0	Comprised of five cells. (83-WL-031)	Gen. ref., const. deb., filters, (lube oil, sulfinol, glycol).	
Amoco Canada Petroleum Co. Ltd.	HCP	2	006	1	F	C		31	14	28	1	5 Crossfield	1966	1975	(85-WL-007)	Gen. ref., const. deb., filters, (lube, sulphinol, glycol, solvents).	Site reclaimed and revegetated.
Amoco Canada Petroleum Co. Ltd.	HCP	2	007	1	F	O		20	18	76	25	4 Mart. Hill	1969	0	Consists of a number of separate cells. (83-WL-004)	General refuse, filter socks, activated charcoal, construction debris.	
Amoco Canada Petroleum Co. Ltd.	HCP	2	009	1	F	C		31	30	35	8	5 Caroline	1978	1986	(83-WL-189)	Gen. ref., mole sieve, filters (condensate, lube, prod. water).	Site reclaimed and revegetated.
Amoco Canada Petroleum Co. Ltd.	HCP	2	011	1	F	O		20	17	60	15	5 Whitecourt	1958	0	Use of neutralizing lime not indicated. (84-WL-004)	General & construction refuse, filters, waste sulphur.	Three monitoring wells on and around landfill - samples annually.
Amoco Canada Petroleum Co. Ltd.	HCP	2	013	1	F	O		20	2	80	8	5 Utikaneg	1986	0	Consists of one closed cell & one active cell each 10x30 m in size. (84-WL-124B)	General refuse, const. debris, filters, oil sludges and slop to landfill.	Pits are covered and revegetated when full.
Amoco Canada Petroleum Co. Ltd.	HCP	2	013	2	F	C		35	25	79	8	5 Utikaneg	1972	1978	LSD 5 of 25. (84-WL-124B)	Office garbage, construction debris, filters. Possible sludges (varsol, oil).	Closed and revegetated.
Amoco Canada Petroleum Co. Ltd.	HCP	2	013	3	F	C		35	15	80	8	5 Utikaneg	1976	1986	LSD 11 of 15. (84-WL-124B).	Gen. ref., const. deb., filters. Possible past sludges (oil, varsol).	Earthed over and closed.
Amoco Canada Petroleum Co. Ltd.	HCP	2	099	1	F	O		20	26	30	4	4 Sedalia	1976	0	(81-WL-137)	General refuse, construction debris (glycol, lube).	
Amoco Canada Petroleum Co. Ltd.	HCP	2	115	1	F	O		20	18	65	23	5 L. Saoky	1985	0	(84-WL-069)	General refuse, construction debris, filters (glycol, water, oil).	
Amoco Canada Petroleum Co. Ltd.	HCP	2	115	2	F	C		31	18	65	23	5 L. Saoky	1977	1985	Two closed cells. (84-WL-069)	General refuse, const. debris, filters (glycol, oil, prod. water). Vol assumed.	Site reclaimed and revegetated.
Amoco Canada Petroleum Co. Ltd.	HCP	2	210	1	F	O		20	11	96	6	5 Senex Fld.	1986	0		General refuse, treated oil.	

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Amoco Canada Petroleum Co. Ltd.	HCP	2	211	1	F	D		20	23	77	9	4 Leisaer	1985	0		General refuse, scrap metal, const. debris, filters, activated carbon.	
Amoco Canada Petroleum Co. Ltd.	HCP	2	211	2	F	C		35	23	77	9	4 Leisaer	1979	1985	Consists of three separate cells.	General refuse, construction debris, filters, activated carbon.	
Amoco Canada Petroleum Co. Ltd.	HCP	2	212	1	F	C		35	25	73	5	4 Devenish	1981	1984	LSD 15 of 25. (86-WL-044)	Scrap metal, general and construction debris, filters, activated carbon.	Earthed over.
Amoco Canada Petroleum Co. Ltd.	HCP	2	212	2	F	D		20	25	73	5	4 Devenish	0	0	LSD 15 of 25. (86-WL-044)	Metals, general and construction refuse, filters, activated carbon.	
Amoco Canada Petroleum Co. Ltd.	PUO	3	003	1	F	C		31	27	85	8	5 Loon Lake	1978	1982	LSD 2 of 27-(Abandon Research facility) issued.	Domestic, concrete, tubing, wire, plastic, oil, chemical bags.	Mon. wells in/around L/f site, oil borrow pit, reclamation cert. issued.
Amoco Canada Petroleum Co. Ltd.	PUO	3	003	2	F	C		35	25	47	9	5 Lodgepole	1965	1978	LSD 12 of 25 -beside road allowance.	Oilfield camp wastes.	Backfilled and grown over.
Amoco Canada Petroleum Co. Ltd.	PUO	3	003	3	F	C		35	25	47	9	5 Lodgepole	1981	1983	LSD 12 of 25 at "well #7".	Produced water filters from G-2 facility.	Backfilled and grown over.
Amoco Canada Petroleum Co. Ltd.	PUO	3	003	4	F	C		35	35	47	9	5 Lodgepole	1957	1965	LSD 16 of 35 - beside road allowance.	Oilfield camp wastes.	Area covered and completely grown over.
Apex Gravel	MNG	4	002	1	F	D		20	34	53	2	4 Devberry	0	0	Public also uses this site.	Clay topsoil.	Site is clay lined.
Apex Gravel	MNG	4	002	2	F	D		20	34	53	2	4 Devberry	0	0	Public also uses this site.	Clay, topsoil.	Site is entirely clay lined.
B.C. Forest Products Ltd.	WDP	1	003	1	F	C		35	9	57	6	6 Gr. Cache	1980	1980		Dirt, wood fibre, bark stripped from mill site.	
B.C. Forest Products Ltd.	WDP	1	003	2	F	C		35	13	57	6	6 Gr. Cache	0	0	500 m section built on top of hog fuel base, comp. cov. with nonorganic soil mat	Dirt, wood fibre, bark, stripped from mill site.	
BPCO Inc.	MAN	5	001	1	F	C		34	36	52	24	4 Edmonton	1952	1962		Asphalt shingles, limestone dust, paper pulp, roofing granules.	Litter fences have been installed, stability assessed by geotechnical expert.
Barrett Manganese Steel Corp. Ltd.	ARC	1	030	1	F	A		34	2	9	26	4 Ft.MacLeod	1946	1947	Post WW II meltdown and casting operation.	Scrap metal, melt pot bottoms, wood.	Located at airport, Blk. 7, Lot 8, adj. to Norfab hanger, gravel cover.

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Beaverlodge Abbatoir	ARC	1	004	1	F	A		35	33	71	10	6 Beaverlodg	1979	1981	Covered under MacLaren Plansearch report. Determined to be of low concern.	Animal wastes.	Site closed in 1981. Material was covered frequently.
Becker Refinery	ARC	1	032	1	F	A		35	28	18	2	5 Longview	0	0	NW2S. Abandoned refinery site. Site visited May 16/88. Landowner Bill Black.	Suspect deaclition debris of refinery.	No records. Landowner reports site not a problem. Drainage to north.
Behrends Bronze Ltd.	MTL	2	002	1	F	O		34	30	52	23	4 Edmonton	1979	0	Invest. by H.E.L.P.	Laquer thinner, slag, waste casting, sand, dust collector residues.	Wastes are to be removed in 1988.
Blairex Dev. (Stearns Catalytic)	ARC	1	015	1	F	A		3C	4	24	2	5 Calgary	0	0	NW of 4. Disc. with Alta. Env. has occurred on this site.	Clay mixed with lime at 9:1 ratio & lime slurry into landfill.	Close to Elbow River.
Blue Ridge Lumber	WDP	1	002	1	F	O		20	36	59	10	5 Blue Ridge	1986	0	(86-WL-095)	Wood fibre.	
Blue Ridge Lumber	WDP	1	002	2	F	C		32	25	59	10	5 Blue Ridge	0	0	Reclaimed landfill, debris removed and pit filled with clay. (86-WL-095)	Reclaimed pit (clay).	
Blue Ridge Lumber	WDP	1	002	3	F	C		35	25	59	10	5 Blue Ridge	0	0	(86-WL-095)	Wood fibre, dirt, bark, etc.	
Blue Ridge Lumber	WDP	1	002	4	F	C		35	25	59	10	5 Blue Ridge	0	0	(86-WL-095)	Wood fibre, dirt, bark, etc.	
Bonnyville Oil Refiners Ltd.	ARC	2	012	1	F	A		14	0	61	5	4 Bonnyville	1952	1962	Closed refinery site.	Oily sludges noted around area.	Investigation currently underway.
Borradaile Refinery	ARC	1	026	1	F	A		14	29	50	5	4 Borradaile	0	1954	Abandoned refinery site. S/V 06/03/88.	Asphalt, tar over area primarily metallic wastes in one l/f.	L/f on slope into old slough, tars spread over bottom of regional depress
Burnco Rock Products Ltd.	MNG	4	005	1	F	O		20	5	25	2	5 Calgary	1985	0	Contractor used site under Burnco's supervision. (81-WL-138)	Broken concrete and asphalt only.	
Burnco Rock Products Ltd.	MNG	4	005	2	F	C		35	5	25	2	5 Calgary	0	0	(81-WL-138)	Broken concrete and asphalt only.	
Burnco Rock Products Ltd.	MNG	4	005	3	F	C		35	2	22	1	5 Calgary	1980	1984	Contractors hauled wastes to these landfills under Burnco's supervision.	Broken concrete and asphalt only.	Site has a clay and topsoil cover.
Burnco Rock Products Ltd.	MNG	4	005	4	F	C		35	2	22	1	5 Calgary	1980	1984	Contractors hauled wastes to these landfills under Burnco's supervision.	Broken concrete and asphalt only.	Site has a clay and topsoil cover.

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Burnco Rock Products Ltd.	MNG	4	005	5	F	D		20	29	24	2	5 Calgary	1980	0	(85-WL-031)	Waste concrete.	
Burnco Rock Products Ltd.	MNG	4	005	6	F	C		35	29	24	2	5 Calgary	0	0	(85-WL-031)	Waste concrete.	Site has a backfill cover.
Burnco Rock Products Ltd.	MNG	4	005	7	F	D		20	35	23	1	5 Calgary	1987	0	Contractors haul wastes to site under Burnco's supervision. (82-WL-154)	Broken concrete.	
Burnco Rock Products Ltd.	MNG	4	005	8	F	D		20	22	20	29	4 Okotoks	1985	0	(85-WL-068)	Waste concrete.	
C.J. Sand and Gravel Pit	ARC	1	016	1	F	A		14	2	10	17	4 Taber	0	0	Abandoned gravel pit used to accept old spill debris in the past.		Investigation planned for 1988.
CIL Calgary Explosive Works	ARC	1	003	1	F	A		32	16	23	29	4 Calgary	1962	1966	Area known as sugar loaf. Site decomissioned & all haz. wastes removed.	Mercuric sulphide sludges, general refuse, empty barrels were all removed.	DSA by Monenco. All merc. contam. soils with concentrations >1ppm were removed.
CIL Inc.	CHP	3	003	1	F	C		36	3	55	22	4 Ft. Sask.	1956	1966	Site investigation conducted by HELP.	Small amounts of 7% vanadium pentoxide and sulphur.	Infilling of low area, presently under rail bed.
CIL Inc.	CHP	2	004	1	F	D		34	36	52	24	4 Edmonton	1977	0	Monit. prog. undertaken at facility in '87 by MJ O'Connor Assoc (86-WL-077)	Spent peroxide catalyst (500 l/yr).	
CIL Inc.	CHP	2	004	2	F	C		34	36	52	24	4 Edmonton	0	0	Invest. & monit. of facility done in '87 by MJ O'Connor & Assoc (86-WL-077)	Coke.	Spread on ground behind plant.
CIL Inc.	CHP	1	004	1	F	C		35	5	22	26	4 Carseland	1976	1979	(84-WL-077)	Construction debris.	
Cal-Portisan Services Ltd.	SEC	6	001	1	F	D		20	30	23	27	4 Calgary	1975	0	Site is exclusively for disposal.	Sediment from vaccuum truck operations.	
Canada Cement Lafarge (Bell Pole Co.)	ARC	1	027	1	F	A		33	0	23	29	4 Calgary	0	1979	Air photos of post treating fac. show area poss. containing wastes.	Mainly wood wastes. Very low levels of PCP and CCA found.	
Canada Creosoting Co. Ltd.	ARC	2	015	1	F	A		14	0	24	1	5 Calgary	0	0	Old railway tie treating plant.	Wood, debris, scrap metal, coal slag.	Investigation planned for 1988.
Canadian Fertilizers Ltd.	CHP	1	001	1	F	C		35	14	13	6	4 Med. Hat	1976	1986	(83-WL-091)	General refuse, construction debris.	

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Canadian Fertilizers Ltd.	CHP	1	001	2	F	O	20	14	13	6	4	Med. Hat	1980	0	(83-WL-091)	Lime sludge, anthracite sand.	
Canadian Forest Products Ltd.	WDP	1	004	1	F	C	35	0	71	6	6	Gr.Prairie	1965	1978	(85-WL-090)	Wood fibre.	
Canadian Forest Products Ltd.	WDP	1	004	2	F	O	20	0	70	6	6	Gr.Prairie	1985	0	(85-WL-090)	Wood fibre, yard debris.	
Canadian Forest Products Ltd.	WDP	1	004	3	F	C	35	0	70	6	6	Gr.Prairie	1979	1985	(85-WL-090)	Wood fibre, yard debris.	Site has been reclaimed by burying of native soils.
Canadian Forest Products Ltd.	WDP	1	005	1	F	O	20	29	109	19	5	High Level	1985	0		Wood fibre, yard debris.	Assume fencing around plant site.
Canadian Forest Products Ltd.	WDP	1	006	1	F	C	36	15	84	4	6	Hines Crk.	1969	1985	Detailed assessment and licence review by HELP complete.	Wood fibre, yard debris.	
Canadian Forest Products Ltd.	WDP	1	006	2	F	O	10	15	84	4	6	Hines Crk.	1985	0	Invest. by HELP, turned over to S & A for licencing.	Wood fibre, sawdust, bark.	
Canadian Forest Products Ltd.	WDP	1	006	3	F	C	36	15	84	4	6	Hines Crk.	1969	1981	Detailed Assessment and licence review by HELP complete.	Waste steel and metal.	
Canadian Forest Products Ltd.	WDP	1	006	4	F	O	10	15	84	4	6	Hines Crk.	1969	0	Invest. by HELP, turned over to S & A for licencing.	Waste metal and ash.	
Canadian Forest Products Ltd.	WDP	3	001	1	F	O	20	29	70	6	6	Gr Prairie	1985	0	(85-WL-090)	Wood fibre, yard debris.	
Canadian Kellogg Co. Ltd.	ARC	2	020	1	F	A	14	0	53	25	4	Edmonton	0	0	Closed, rolled steel pipe plant.		Investigation planned for 1988.
Canadian Montana Gas Company Ltd.	PUO	3	016	1	F	O	20	8	3	8	4	Foremost	1960	0		Oily and process related, general refuse.	
Canadian Montana Gas Company Ltd.	HCP	2	016	1	F	C	20	18	1	8	4	Blac Butte	1961	0	Remote site. (82-WL-054)	General refuse, debris, oily and process related wastes.	
Canadian National Railways	TRA	1	001	1	T	O	30	30	45	9	4	Irma	1978	0	Disp. areas for cont. commodities. Site well monit. for contam. (86-WL-016)	Sulphur and potash. Large amounts.	Licensed by Alberta Environment.
Canadian National Railways	ARC	1	021	1	F	A	22	19	71	6	6	Gr.Prairie	1945	0	CNR to conduct final cleanup.	Asphalt.	Road tar pit adj. to RR fenced.
Canadian Pacific Railways Ltd.	TRA	1	002	1	F	C	35	12	24	1	5	Calgary	0	1970	Located at the Alyth Training Center. Initial start date unknown.	Construction debris, used timber ties.	Some excavation when training center was built.

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Canadian Pacific Railways Ltd.	TRA	1	002	2	F	C	35	11	24	1	5	Calgary	0	1970	Initial start date unknown. Currently site of the East Intermodal Services Yard.	Construction debris, used timber ties.	
Canadian Pacific Railways Ltd.	TRA	1	002	3	F	C	35	27	5	7	5	Morley	1930	1965	Site is very old (1930), located on an Indian Reserve #143.	Burnt timbers (railway ties).	
Canadian Pacific Railways Ltd.	TRA	1	002	4	F	C	35	20	17	25	4	Ensign	1978	1978	Open from May-June/78.	Sulphur (1500 tons), covered with limestone.	Limestone added to sulphur top. Some recl. done in '80. G/W mon. wells destroyed
Canadian Sugar Factory	ARC	1	018	1	F	A	35	21	6	20	4	Raymond	1952	1963	Now oper. Parish & Heabecker (grain elev). Report by Brad Watson-Mun Adm-Raymond	Cinders, lime, old equipment.	Location on parcel 4, dimensions estimated off site plan.
Canadian Western Natural Gas Co.	HCP	2	204	1	F	C	35	8	11	11	4	Bow Island	1935	1977	Site was also used by local residents.	General refuse.	
Cancarb Ltd.	CHP	2	005	1	F	C	12	2	13	6	4	Med. Hat	1973	1980	Removal of material underway.	Mixture of carbon, aromatic h.c. and soil.	
Cancarb Ltd.	CHP	2	005	2	F	C	35	0	13	6	4	Med. Hat	1974	1984		Refractory brick, (silica and alumina).	
Canron Inc.	ARC	1	031	1	F	A	14	0	26	4	5	Cochrane	0	0	Old cement pipe manufacturing facility.		
Canron West Inc.	MAN	4	003	1	F	C	35	3	55	22	4	Ft. Sask.	1960	1972	(86-ML-123)	Fibreglass insulation, asbestos cement pipe.	Site has been covered over with a parking lot.
Canterra Energy Ltd.	HCP	5	005	1	F	O	20	17	60	15	5	Windfall	1975	0	Facility also used by Procor Ltd. (83-ML-203)	General refuse, metal, wood, insulation.	
Canterra Energy Ltd.	PUO	3	021	1	F	C	31	21	95	7	4	FtMcMurray	1979	1984	(85-ML-116)	General refuse.	Site was dewatered and reclaimed with 24" of clay.
Canterra Energy Ltd.	PUO	3	021	2	T	O	30	28	95	7	4	FtMcMurray	1984	0	(85-ML-116)	Const. debris, wood, oily rags & filters, sample containers.	Very moderate usage.
Canterra Energy Ltd.	HCP	2	025	1	F	C	35	2	37	10	5	Rky Mtn Hs	1971	0	(86-ML-026)	Scrap metal.	Soil sampling carried out annually at facility.
Canterra Energy Ltd.	HCP	2	025	2	F	C	35	2	37	10	5	Rky Mtn Hs	1971	0	(86-ML-026)	Scrap metal.	Soil sampling carried out annually at facility.

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Canterra Energy Ltd.	HCP	2	025	3	F	D	20	2	37	10	5	Rky Mtn Hs	1971	0	Use of neutralizing lime not indic. (86-WL-026)	Diatomaceous earth, anion resin, sorbead, sulphur.	Monitoring well installation nearby. Invest. carried out in '87.
Canterra Energy Ltd.	HCP	2	025	4	F	D	20	2	37	10	5	Rky Mtn Hs	1979	0	(86-WL-026)	Anion resin, activated carbon, sorbead dessicants.	Bentonite liner & monitoring wells in place. Soil sampling annually at facility.
Canterra Energy Ltd.	HCP	2	025	5	F	C	35	2	37	10	5	Rky Mtn Hs	1971	0	(86-WL-026)	Activated carbon, alumin catalyst.	Soil sampling carried out annually at facility.
Canterra Energy Ltd.	HCP	2	025	6	F	C	35	2	37	10	5	Rky Mtn Hs	1970	0	(86-WL-026)	Gen. refuse, sorbead, diatomaceous earth, asbestos.	Soil sampling carried out annually at facility.
Canterra Energy Ltd.	HCP	2	025	7	F	D	20	2	37	10	5	Rky Mtn Hs	1980	0	(86-WL-026)	Office material, insulation, aluminium wrapping.	Soil sampling carried out annually at facility.
Canterra Energy Ltd.	HCP	2	025	8	F	C	35	2	37	10	5	Rky Mtn Hs	1980	1982	(86-WL-026)	Camp wastes, general refuse.	Soil sampling carriedout annually at facility.
Canterra Energy Ltd.	HCP	2	025	9	F	C	35	2	37	10	5	Rky Mtn Hs	1984	1985	(86-WL-026)	Metal contaminated sulphur.	Lime buried with wastes. Soil sampling carried out annually at facility.
Canterra Energy Ltd.	HCP	2	025	10	F	C	35	2	37	10	5	Rky Mtn Hs	1984	1984	Sulp. contam. metal safely isolated from env. by bentonite liner. (86-WL-026)	Metal contaminated with sulphur.	Soil sampling carried out annually at facility.
Canterra Energy Ltd.	HCP	2	022	1	F	D	20	10	44	12	5	Nordegg	1970	0	Use of neutralizing lime not indicated. (85-WL-025)	Refuse, act. alumina/carbon, cartridge filt., iron sulphide, turnaround solids	Monitoring wells in the area.
Canterra Energy Ltd.	HCP	2	024	1	F	D	33	10	109	8	6	Rainbow Lk	1968	0	Groundwater monitoring around landfill. (85-WL-035)	Refuse, const. debris, catalyst. Filters/sludges DEA system.	Area underlaid with firm-stiff clay deposits. 4 groundwater mon. wells in area.
Canterra Energy Ltd.	HCP	2	027	1	F	C	35	27	20	29	4	Okotoks	1959	1979	Use of neutralizing lime not indicated. (86-WL-141)	Gen. ref., concr., lumber, sulphur bottoms, asbestos, sc. metal.	G.W. monitoring installed around landfill.
Canterra Energy Ltd.	HCP	2	213	1	F	C	35	20	34	8	4	Veteran	1980	1986	LSD 15 of 20 - Sweet Gas Plant.	Gnrl refuse (6t), cart. filts. (4.8t), constructn debris, rubber gkts. aluminum	Located within plant site boundary.

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Canterra Energy Ltd.	HCP	2	214	1	F	C		35	34	34	6	4 Consort	1969	1986	LSD 7 of 34. Sweet Gas Plant, NW corner of site.	General refuse, silica gel, cartridge filters, construction debris.	Plant site fencing.
Carbt Oil Ltd.	PUO	2	003	1	F	D		20	10	36	20	4 Stettler	0	0	Pit used for burning of general refuse and wood.	Residues of general refuse and wood.	Pit has a 2 ft. dyke around it.
Carbt Oil Ltd.	PUO	2	003	2	F	D		20	10	36	20	4 Stettler	0	0	Pit used for burning of general refuse and wood.	Residues of general refuse and wood.	Pit has a 2 ft. dyke around it.
Cardinal River Coals Ltd.	MNG	1	001	1	F	D		35	23	47	24	5 Hinton	1969	0	Co. disposes wastes with overburden in 8 of locations in the mine. (81-WL-125)	Gen. refuse, const. debris, ash (dryers), some sewage sludge & electrical eqpt.	
Cardinal River Coals Ltd.	MNG	1	001	2	F	C		35	23	47	24	5 Hinton	1969	1987	Co. disposes wastes with overburden in a # of locations in the mine. (81-WL-125)	Gen. refuse, const. debris, ash (dryers), some sewer sludge & electrical eqpt.	
Celanese Canada Inc.	CHP	3	004	1	F	C		36	17	53	23	4 Edmonton	1968	1968	Report by Hardy & Associates, Report #EC90073. (83-WL-126)	Miscellaneous barrels.	Report indicated no threat.
Celanese Canada Inc.	CHP	3	004	2	F	C		31	17	53	23	4 Edmonton	1953	1984	(83-WL-126)	Grass clippings, general refuse (burn pit).	Special capping of landfill.
Celanese Canada Inc.	CHP	3	004	3	F	C		36	17	53	23	4 Edmonton	1954	1984	Reclaimed with Alberta Environment approval. (83-WL-126)	Cellulose, acetate, Al203, ion exch. resins, filt., rare erth oxide	Special capping of site.
Celanese Canada Inc.	CHP	3	004	4	F	C		36	17	53	23	4 Edmonton	1954	1962	Dyked liquid waste holding area. Reclaimed with A.E. approval. (83-WL-126)	Sludge from liquid process wastes.	Special capping.
Celanese Canada Inc.	CHP	3	004	5	F	C		31	17	53	23	4 Edmonton	1962	1984	Dyked liquid waste holding area. (83-WL-126)	Sludges from liquid process waste.	Special capping.
Central Meat Market	FDP	4	006	1	F	C		35	14	31	14	4 Hanna	1975	1982		Slaughter house wastes (includes general refuse and construction debris).	
Champion Forest Products Ltd.	WDP	2	001	1	F	C		21	23	51	25	5 Hinton	1957	1978	Investigation conducted by H.E.L.P. (85-WL-157)	Wood fibre, yard debris.	Surf. drainage ditch installed-direct runoff to biopond. Pile covered & grassed.

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Champion Forest Products Ltd.	WDP	2	001	2	F	C		31	23	51	25	5 Hinton	1967	1984	(85-WL-157)	Clarifier sludge and bark.	Site has been capped and grassed.
Champion Forest Products Ltd.	WDP	2	001	3	F	C		31	23	51	25	5 Hinton	1957	1984	(85-WL-157)	Lime kiln lumps, slaker grits, power boiler ash.	Site has been capped and grassed.
Champion Forest Products Ltd.	WDP	2	001	4	F	O		20	23	51	25	5 Hinton	1982	0	(85-WL-157)	Clarifier sludge, bark.	Monitoring wells in landfill. Leachate collected in pits & trucked to biopond.
Champion Forest Products Ltd.	WDP	2	001	5	T	O		30	23	51	25	5 Hinton	1984	0	Permit 884-MP-025. (85-WL-157)	Asbestos.	Asbestos is covered daily.
Champion Forest Products Ltd.	WDP	2	001	6	F	O		20	23	51	25	5 Hinton	1984	0	(85-WL-157)	Boiler ash and lime rejects.	
Chem-Securities Ltd.	SIG	1	002	1	T	O		30	6	67	8	5 Swan Hills	1987	0	Site is the registered hazardous waste disposal facility for Alta. (86-WL-127)	Hazardous wastes. Wastes are solidified prior to placement.	Licensed by Alberta Environment.
Chevron Canada Resources Ltd.	HCP	2	029	1	F	O		35	15	59	18	5 Fox Creek	1985	0	(84-WL-111). Plant wide ground water monitoring in place.	Diatomaceous earth, wood fibre, lime and silt.	
Chevron Canada Resources Ltd.	HCP	2	029	2	F	C		35	15	59	18	5 Fox Creek	1972	1984	Groundwater monitoring plant wide, associated with landfill. (84-WL-111)	Amine filter sludges, alumina catalyst, water filter sludges.	
Chevron Canada Resources Ltd.	HCP	2	029	3	F	C		35	15	59	18	5 Fox Creek	1981	1981	(84-WL-111). Plant wide ground water monitoring in place.	Catalyst dust, fire brick (large quantities).	Majority of wastes removed in construction.
Chevron Canada Resources Ltd.	HCP	2	029	4	F	O		20	22	59	18	5 Fox Creek	1973	0	Swrl clsd cells. LSD 8 of 22 (north). (84-WL-111). Plant wide g.w. monitoring.	26,000 filters, general refuse.	
Chevron Canada Resources Ltd.	HCP	2	029	5	F	C		35	22	59	18	5 Fox Creek	1972	1972	(84-WL-111). Plant wide ground water monitoring in place.	1500 filters, general refuse.	Site capped.
Chevron Canada Resources Ltd.	HCP	2	029	6	F	C		35	16	59	18	5 Fox Creek	1969	1972	(84-WL-111). Plant wide ground water monitoring in place.	General refuse,construction debris.	Site capped.
Chevron Canada Resources Ltd.	HCP	2	107	1	F	O		20	1	82	17	4 SWofFt.McM	1983	0	(83-WL-037)	General refuse (noncombustible), incinerator ash.	
Chevron Canada Resources Ltd.	HCP	2	118	1	F	C		31	12	20	12	4 Princess	1958	1976	(82-WL-132)	Amine filters, activated carbon, silica gel, general waste.	Site capped and revegetated.

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Chevron Canada Resources Ltd.	HCP	2	118	2	F	C		31	12	20	12	4	Princess	1976	1978	(82-WL-132)	Amine filters, activated carbon, silica gel, general waste.	Site is capped and revegetated.
Chevron Canada Resources Ltd.	HCP	2	030	1	F	C		15	22	39	22	4	Nevis	1959	1969	Sulpur cont. soil. Land use studies/recl. done, mon. wells in place.(83-WL-214)	Sulphur contaminated soil, general and construction refuse.	S & A working on decommissioning of facility.
Chevron Canada Resources Ltd.	HCP	2	030	2	F	C		16	22	39	22	4	Nevis	1969	1978	S&A working on decommissioning of facility. (83-WL-214)	FeS, amine sludges, catalyst, filter backwash, diatomaceous earth.	
Chevron Canada Resources Ltd.	HCP	2	030	3	F	C		16	22	39	22	4	Nevis	1959	1960	(83-WL-214). S & A working on site decommissioning.	General refuse, construction debris.	Runoff diversion.
Chevron Canada Resources Ltd.	HCP	2	030	4	F	C		16	22	39	22	4	Nevis	1965	1972	S&A working on decommissioning of facility. (83-WL-214)	Process sludges, crushed/empty barrels	Runoff diversion.
Chevron Canada Resources Ltd.	HCP	2	028	1	F	O		20	14	55	22	4	Ft. Sask.	1972	0	(86-WL-027)	FeS filters, CaCl2 drums, sole. sieve, construction refuse.	
City of Calgary (Esso Petroleum)	ARC	1	001	1	F	A		14	36	23	1	5	Calgary	1950	0	Site undergoing a detailed invest. to determine what actions are required.	Spent lead oxide (lead sulphate).	Since discovery, a 1.8m chain link fence was installed around the installation.
Cominco Ltd.	CHP	1	003	1	F	C		35	6	22	26	4	Carseland	1976	1981	(83-WL-117)	General refuse, construction debris.	
Cominco Ltd.	CHP	1	003	2	T	O		30	6	22	26	4	Carseland	1981	1985	(82-WL-117)	Construction debris.	
Cominco Ltd., Calgary Nitrogen Operation	CHP	1	002	1	F	C		35	26	23	1	5	Calgary	1942	1983	(82-WL-075)	Construction debris, paper.	
Cominco Ltd., Calgary Nitrogen Operation	CHP	1	002	2	F	C		35	26	23	1	5	Calgary	1942	1965	(83-WL-075)	Plastic bags, scrap metal, cement.	
Cominco Ltd., Calgary Nitrogen Operation	CHP	1	002	3	F	C		35	26	23	1	5	Calgary	1942	1972	(83-WL-075)	Cobalt/moly and zinc oxide catalyst, possibly Na2CO3.	Some material removed and deep buried under road.
Cominco Ltd., Calgary Nitrogen Operation	CHP	1	002	4	F	C		36	26	23	1	5	Calgary	1985	1985	Insufficient neutralizing material. (83-WL-075)	Elemental sulphur and earth mix (75 t), possible Na2CO3.	Alta. Env. is currently monitoring the situation.
Con-Force Structures Ltd.	MAN	3	007	1	F	C		35	0	53	25	4	Edmonton	0	1984		Concrete.	

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Coseka Resources Ltd.	PUO	3	092	1	F	D		20	0	8	4	5 Crowsnest	0	0	Operated as a burn pit.	General refuse, filters, wood, insulation.	
Coutts Refinery (British American)	ARC	1	023	1	F	A		14	5	1	15	4 Coutts	1924	1945	NE of S MD report. Located around truck stop.	Ashes from burning of oily waste, tank bottoms, oil.	Old ref. torn down in 1940's.
Crestbrook Forest Industries Ltd.	WDP	3	002	1	F	D		20	0	9	26	4 Ft. McLeod	1962	0	Plywood plant. (86-WL-022)	Knots and sawdust with resins.	Pit is cleaned out as needed 2-4 times/year and taken to municipal dump.
Crown Lease (Houg Cement)	ARC	1	006	1	F	A		21	26	59	24	4 Westlock	0	1981	Plant closed in 1981. Reclamation of old bldgs. on property will be required.	Waste marl (majority of waste), baghouse dust, general refuse.	
Dept. of National Defense	FED	5	001	1	F	C		35	6	63	2	4 Cold Lake	1954	1980	For airport operations.	"Trade-industrial" related to airport, incl. oils.	Public access prohibited but readily accessed by base staff.
Dept. of National Defense	FED	5	002	1	F	C		35	28	54	24	4 Nanao	1974	1985	LSD 4 of 28 and LSD 13 of 21.	Demolition debris (old runways)	Open.
Dept. of National Defense	FED	5	002	2	F	C		35	16	54	24	4 Nanao	1970	1982	LSD 14 of 16. Formerly Fire Training Centre.	Construction material.	Was levelled off, presently being used to store soil in piles.
Dept. of National Defense	FED	5	002	3	F	C		35	15	54	24	4 Nanao	0	1976	LSD 4 of 15.	General refuse, misc.	Grassed over, no contouring.
Dept. of National Defense	FED	5	003	1	F	D		35	13	37	28	4 Penhold	1983	0	LSD 11 of 13.	Car bodies, cardboard, plant refuse, wood, various.	
Dept. of National Defense	FED	5	003	2	F	C		35	13	37	28	4 Penhold	0	0	LSD 11 of 13, Closed cell next to Landfill #1.	Wastes assumed to be similar to landfill #1.	
Dept. of National Defense	FED	5	004	2	F	D		35	22	15	9	4 Suffield	1983	0	LSD 9 of 22 consisting of several trenches 50m x 12m x 4.5m.	Military & household (paper, wood, metal containers, refuse, etc.) Some unknowns	L/F area (fenced)-approx. 3-4 Ha consisting of trenches lasting about 1 yr each.
Dept. of National Defense	FED	5	004	1	F	C		35	22	15	9	4 Suffield	1948	1985	Officially closed by D.N.D.	Cardboard, hsehold, const., oil & other liquid.	Site is "mostly" closed.
Dept. of National Defense	FED	5	005	1	F	D		35	27	44	7	4 Wainwright	1984	0	LSD 3 of 27 and LSD 13 of 22. (83, p.87, Leech, 1985).	Metal, wood, trade, wet, domestic, etc.	Five V-shaped pits, one open.
Dept. of National Defense	FED	5	005	2	F	C		35	28	44	7	4 Wainwright	0	0	LSD 7 of 28 (84, p.87, Leech, 1985) along Red Route.	General refuse.	Three parallel trenches in a sandy depression.

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COMPANY	TYPE	SUB GRP	L/F #	L/F LIC	L/F STAT	STATUS	SECT	TWP	RGE	W/N	AREA	OPER FROM	OPER TO	OVERALL COMMENTS	WASTE TYPES	DESIGN & OPERATION
Dept. of National Defense	FED	5 006	1	F	C		16	10	72	9	6 Beaverlodg	0	1987	E1/2-10. Known as TX Site. Decomissioning underway.	Hydrocarbon wastes, metals.	Former fire fighting area. Four abandoned landfill cells.
Dept. of National Defense	FED	5 006	2	F	C		16	15	72	9	6 Beaverlodg	0	1963	SW of LSD 8-15 along water pipeline. Decomissioning underway.	Materials originating from Radar Base installation.	Formerly used by U.S. Personell.
Dina Oil Rerefinery Co.	ARC	2 011	1	F	A		14	0	50	2	4	0	0	Very small rerefinery operation located in the Battle River area.		Investigation planned for 1988.
Dome Petroleum Co. Ltd.	HCP	2 120	1	F	C		35	19	66	24	4 Athabasca	1976	1979	(82-WL-139)	Dessicant fines (1-2 barrels).	
Dome Petroleum Co. Ltd.	HCP	2 042	1	F	C		31	6	94	1	6 Debolt	1977	1982	Small amount (7 cu. m.) of iron sponge buried in lime lined pit. (82-WL-138)	Iron sponge, lime.	Site has been reclaimed. Lime disposed of with iron sponge.
Dome Petroleum Ltd.	HCP	2 046	1	F	C		32	25	15	22	4 Champion	0	1985	LSD 9 of 25. (86-WL-058)	Filters, dessicants, general refuse (95%).	Wastes removed from site.
Dome Petroleum Ltd.	HCP	2 205	1	F	O		20	19	36	5	4 Consort	1957	0		Filters (oil, glycol, produced water), general refuse, municipal wastes.	
Dome Petroleum Ltd.	HCP	2 206	1	F	C		35	9	54	21	5 Obed	1982	1985	Iron sponge was disposed of with sufficient lime to neutralize. (85-WL-187)	Iron sponge (with lime).	
Dome Petroleum Ltd.	PUO	3 031	1	F	O		20	5	67	4	4 Primrose	1982	1986	(86-WL-082)	Const. debris, gen. refuse, oily rags, oily waste (burnoff), filter (glycol,oil)	
Dome Petroleum Ltd.	PUO	3 031	2	F	C		35	5	67	4	4 Primrose	1983	1984	(86-WL-082)	Camp wastes.	
Dome Petroleum Ltd.	PUO	3 031	3	F	O		20	18	55	5	4 Lindberg	1986	0	Disposal of clean sand from production facility. (86-WL-082)	Production sand may contain traces of hydrocarbons.	
Dome Petroleum Ltd.	PUO	3 031	4	F	O		20	5	79	10	5 Atikameg	1984	0	(86-WL-082)	Wastes paper, wood, wax.	
Dome Petroleum Ltd.	PUO	3 031	5	F	C		35	35	51	4	4 Islay	1982	1985	(86-WL-082)	Construction debris, general refuse, oil filters.	
Dome Petroleum Ltd.	PUO	3 031	7	F	C		35	19	55	5	4 Heinsburg	1979	1983	(86-WL-082)	General refuse.	Site capped and reseeded.

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Dome Petroleum Ltd.	PUO	3 031	8	F	C		35	31	45	9	5 Alder Flat	1973	1987	(86-WL-082)	Household wastes.	
Dome Petroleum Ltd.	PUO	3 031	9	F	C		35	17	48	3	5 Warburg	1975	1985	(86-WL-082)	General refuse and construction debris.	
Dome Petroleum Ltd.	PUO	3 031	10	F	C		25	3	58	19	5 Fox Creek	0	1982	(86-WL-082)	General refuse, filters, desiccants.	Site capped and revegetated.
Dome Petroleum Ltd.	PUO	3 031	11	F	C		35	34	29	21	4 Drumheller	1978	1987	(86-WL-082)	Empty drums, treater hay, wood.	
Dome Petroleum Ltd.	HCP	2 040	1	F	D		20	12	20	1	4 McNeill	1983	0	(86-WL-142)	General refuse, packaging wastes, filters.	
Dome Petroleum Ltd.	HCP	2 040	2	F	D		20	12	20	1	4 McNeill	0	0	(86-WL-142)	Activated alumina and dirt.	
Dome Petroleum Ltd.	HCP	2 040	3	F	D		20	12	20	1	4 McNeill	0	0	(86-WL-142)	Water treatment sludge.	Liner not glued at seams.
Dome Petroleum Ltd.	HCP	2 041	1	F	C		35	0	55	22	4 Ft. Sask.	1981	1985	Iron sponge was buried with excess lime. (84-WL-105)	Mole sieve, activated alumina & iron sponge.	Lime incorporated into landfill.
Dome Petroleum Ltd.	HCP	2 041	2	F	C		35	0	55	22	4 Ft. Sask.	1980	1986	(84-WL-105)	Construction debris, filters.	
Dome Petroleum Ltd.	HCP	2 038	1	F	D		20	24	96	5	6 Manning	1985	0	(85-WL-146)	Mole sieve, air dryer dessicant.	
Domtar Chemicals Group	WDP	4 002	1	F	C		33	3	26	4	5 Cochrane	1967	1970	Groundwater monitoring carried out by Alberta Environment. (86-WP-055)	Wood preservative sludge.	G.W. monitoring is present. Evaluation of g.w. carried out.
Domtar Chemicals Group	WDP	4 002	2	F	C		33	3	26	4	5 Cochrane	1969	1969	Groundwater monitoring carried out by Alberta Environment. (86-WP-055)	Wood preservative sludges.	Groundwater monitoring installed at site.
Domtar Chemicals Group	WDP	4 002	3	F	C		33	3	26	4	5 Cochrane	1968	1968	Groundwater monitoring study currently underway. (86-WP-055)	Wood preservative sludges.	Wastes are in a buried steel tank.
Domtar Chemicals Group	WDP	4 003	1	F	C		13	13	53	24	4 Edmonton	1935	1955	S&A involved-total g/w mon. site study, site orig. a burn pit. (86-WL-075)	Preservative sludge and peeler shavings.	Detailed studies of g.w. are underway.
Domtar Chemicals Group	WDP	4 003	2	F	C		13	13	53	24	4 Edmonton	1928	1979	Groundwater monitoring carried out by company. (86-WL-075)	Burnt and cell wood/poles.	Detailed studies of g.w. monitoring underway.
Domtar Chemicals Group	WDP	4 003	3	F	C		13	13	53	24	4 Edmonton	1955	1965	Groundwater monitoring carried out by company. (86-WL-075)	Clean peeler shavings.	Detailed studies of groundwater are underway.

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Bostar Chemicals Group	WDP	4	004	1	F	D		20	14	47	20	4 Canrose	1981	1984	(82-WL-082)	Wood wastes, treated wood waste ashes, waste oil (220 kg).	
Bostar Construction Materials	MAN	5	006	1	F	D		10	16	53	22	4 Edmonton	1970	0	Currently being licensed.	Gypsum, general refuse, construction debris.	Invest. under H.E.L.P., minor other users of site previous to Bostar.
Bostar Construction Materials	ARC	1	033	1	F	A		35	0	23	29	4 Calgary	0	1986	Closed gypsum wallboard plant at 1805-30 Ave. SE. Other owner previous to 1959.	Off-spec wallboard, waste gypsum rock, dust, wastes from CPR also.	
Dow Chemical Canada Inc.	CHP	3	005	1	T	D		30	11	55	22	4 Ft. Sask.	1974	0	Block 100 general landfill (87-WL-137).	Proc. filters, cont. earth, asbestos, contaminated insulation, etc.	Partial liner and collection system.
Dow Chemical Canada Inc.	CHP	3	005	2	T	C		31	11	55	22	4 Ft. Sask.	1979	1988	Block secure landfill (87-WL-137). To be capped.	VCM cont. earth, herbicide sludge, lab wastes, contaminated packaging, etc	Landfill licensed and leachate collection system, site now closed.
Dow Chemical Canada Inc.	CHP	3	005	3	T	D		30	11	55	22	4 Ft. Sask.	1987	0	Block 280 secure landfill (87-WL-137).	Used for contaminated soils and plant process waste. (87-WL-137)	Landfill licensed, groundwater dewatering, leachate collection system.
Dow Chemical Canada Inc.	CHP	3	005	4	F	C		31	11	55	22	4 Ft. Sask.	1980	1980	Block 150 containment (temporary) area. (87-WL-137)	Priority pollutants-soil cont. with herbicide production residues (2700 cu. m).	Site has clay cap and clay base complete with monitoring wells.
Dow Chemical Canada Inc.	CHP	3	005	5	F	C		35	11	55	22	4 Ft. Sask.	1969	1973	Area B - Block 100. (87-WL-137)	Cell bodies (concrete), construccion debris, scrap metal.	
Dow Chemical Canada Inc.	CHP	3	005	6	F	C		35	11	55	22	4 Ft. Sask.	1972	1974	Area R - Block 170. (87-WL-137).	Cell bodies (concrete), construction debris.	
Dow Chemical Canada Inc.	CHP	3	005	7	F	C		35	11	55	22	4 Ft. Sask.	1965	1974	Area P - Block 160. (87-WL-137)	Cell bodies (concrete), scrap iron, construction debris.	
Dow Chemical Canada Inc.	CHP	3	005	8	F	C		35	11	55	22	4 Ft. Sask.	1973	1973	Area T -Block 230. (87-WL-137)	Construction debris, old wood pit.	
Dow Chemical Canada Inc.	CHP	3	005	9	F	C		35	11	55	22	4 Ft. Sask.	1967	1972	Area K - Block 110 to be exhused. (87-WL-137)	Empty herbicide barrels.	Extensive studies into landfilling undertaken by Dow.
Dow Chemical Canada Inc.	CHP	3	005	10	F	C		30	11	55	22	4 Ft. Sask.	1969	1974	Area G - Green belt. (87-WL-137)	Ash (from construction debris).	

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Dow Chemical Canada Inc.	CHP	3	005	11	F	C		32	11	55	22	4	Ft. Sask.	1970	1972	Areas - Block 170. Exhused in 1987. (87-WL-137)		All waste relocated to the secure landfill.
East Side Disposal	ARC	1	019	1	F	A		14	0	0	0	0	Edmonton	1961	1974	Identified by Uniroyal Chemicals and Fiberglass Canada as offsite landfill.	Process tars.	Site reclaimed as recreation. area. Testing by Environment underway.
Ed Eselson (Wellore Resources)	ARC	1	010	1	F	A		31	4	15	19	4	Vulcan	0	1987	Site reclaimed in 1987 under ERCB direction.	Oily sludges, oil spill debris.	Orig. used as a drilled susp. Later various haulers used it as a disposal pit.
Esso Chemicals Alberta Ltd.	CHP	1	006	1	F	D		10	20	56	21	4	Redwater	1972	0	(83-WL-051)	Fertilizer fines, general refuse (very large amounts), sulphur.	Site under licensing process. Groundwater monitoring installed.
Esso Chemicals Alberta Ltd.	CHP	1	006	2	F	C		35	20	56	21	4	Redwater	1969	1972	(83-WL-051)	General refuse, catalyst.	Invest. at site is underway. Groundwater monitoring installed.
Esso Chemicals Alberta Ltd.	CHP	1	006	3	F	C		35	20	56	21	4	Redwater	1971	1976	(83-WL-051)	Fertilizer fines.	Groundwater monitoring installed.
Esso Chemicals Alberta Ltd.	CHP	1	006	4	F	C		35	20	56	21	4	Redwater	0	0	(83-WL-051)	Catalyst only.	Groundwater monitoring installed.
Esso Chemicals Alberta Ltd.	CHP	1	006	5	F	C		35	20	56	21	4	Redwater	1977	0	(83-WL-051)	Fertilizer fines.	Groundwater monitoring installed.
Esso Chemicals Alberta Ltd.	CHP	1	006	6	F	C		35	20	56	21	4	Redwater	1970	1978	(83-WL-051)	Catalyst only.	Cleanup planned. Groundwater monitoring installed.
Esso Chemicals Alberta Ltd.	CHP	1	006	8	F	C		22	20	56	21	4	Redwater	1973	1975	Use of neutralizing lime not indicated. (83-WL-051)	Sulphur, catalyst.	Cleanup planned. Groundwater monitoring installed.
Esso Chemicals Alberta Ltd.	CHP	1	006	9	F	C		35	20	56	21	4	Redwater	1983	0	(83-WL-051)	Contaminated demolition material (drying tower, final tower, s. storage tank).	Pit lined. Groundwater monitoring installed.
Esso Chemicals Alberta Ltd.	CHP	1	006	10	F	C		35	20	56	21	4	Redwater	0	0	(83-WL-051)	Scrap metal.	Groundwater monitoring installed.
Esso Chemicals Alberta Ltd.	CHP	1	006	11	F	C		35	20	56	21	4	Redwater	1979	1980	(83-WL-051)	Catalyst, asbestos.	Groundwater monitoring installed.

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Esso Chemicals Alberta Ltd.	CHP	1	006	12	F	C		35	20	56	21	4 Redwater	1969	1969	(83-WL-051)	Scrubbing solution.	Groundwater monitoring installed.
Esso Chemicals Alberta Ltd.	CHP	1	006	13	F	C		35	20	56	21	4 Redwater	1969	1970	(83-WL-051)	Fertilizer fines.	Groundwater monitoring installed.
Esso Chemicals Alberta Ltd.	CHP	1	006	14	F	C		35	20	56	21	4 Redwater	1985	1985	(83-WL-051)	Catalyst only.	Groundwater monitoring installed.
Esso Chemicals Alberta Ltd.	CHP	1	006	15	F	C		35	20	56	21	4 Redwater	1981	1981	One time useage only. (83-WL-051)	Asbestos only.	Groundwater monitoring installed.
Esso Petroleum Canada	HCP	1	001	1	T	O		30	36	52	24	4 Edmonton	1975	0	Landfarming area. (86-WL-133)	API separator sludges, water treatment sludges.	Licensed by Alta. Env. G/w monitoring wells are sampled twice per year.
Esso Petroleum Canada	HCP	1	001	2	T	O		30	36	52	24	4 Edmonton	1975	0	Spent Lime Pond at South Tank Farm (86-WL-133).	Lime sludges, cooling tower basin sludge (chromium not detectable).	Groundwater monitoring results are submitted to Alberta Environment.
Esso Petroleum Canada	HCP	1	001	3	F	C		30	36	52	24	4 Edmonton	1960	1979	L/farm area on Series 400 & 600 tank dykes. (84-WL-003A)	API separator sludges.	1986 soil tests, all parameters below clean-up criteria levels.
Esso Petroleum Canada	HCP	1	001	4	F	C		30	36	52	24	4 Edmonton	0	1984	Oper to '84 former Texaco refy. L/farm area west of cooling towers (84-WL-003A)	Sludges (weather leaded) cooling tower, effulent holding tank, coke, spent clay.	Soil study shows no levels over ind. land reuse criteria.
Esso Petroleum Canada	HCP	1	001	5	F	C		30	36	52	24	4 Edmonton	1955	1975	Former Texaco Refinery, 8 small areas for leaded sludges & scale (84-WL-003A).	Leaded sludge (weathered to in-organic), spent clay, catalyst.	GW mon. up & down wells of area. '86 soil tests-no levels above ind. reuse crit.
Esso Resources Canada Ltd.	HCP	2	050	1	F	C		35	25	64	11	5 Swan Hills	0	1985	Spread on surface. (86-WL-003)	Mole sieve desiccants (16% carbon, .81% sulpur) zeolite.	
Esso Resources Canada Ltd.	HCP	2	051	1	F	C		33	34	50	26	4 Devon	1949	1973	Study underway by Stanley and Associates. (85-WL-137)	Gen ref, filt. cart, oily rags, tank bottom sludges, cont. soil.	Specific g/w monitoring underway.
Esso Resources Canada Ltd.	HCP	2	052	1	F	C		27	4	20	4	5 Quirk Crk.	1971	1978	Site composed of 3 cells. Include in W.L. (84-WL-158)	Sulphur wastes, dea. barrel, gen. ref., const. deb, filter cartridges, oily rags	Monitoring wells, runoff diversion.
Esso Resources Canada Ltd.	HCP	2	054	1	F	C		27	29	57	21	4 Redwater	1978	1983	Include in W.L. for plant. (85-WL-033)	Pigging wax, small amount of amine sludge.	Site has been reclaimed and revegetated. Monitoring wells in place.

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Esso Resources Canada Ltd.	PUO	3	035	1	T	D		30	33	64	3	4 Cold Lake	0	0	Licensed under 086-WL-074. 16 hectares currently under use. (86-WL-074)	Lime sludge, general refuse.	Portions of solid waste disposal are reclaimed as they are used.
Esso Resources Canada Ltd.	PUO	3	035	2	F	C		31	33	64	3	4 Cold Lake	1979	1985	(86-WL-074)	General refuse, crushed drums.	Site has been reclaimed.
Esso Resources Canada Ltd.	PUO	3	035	3	F	C		31	5	63	3	4 Cold Lake	1975	1985	(86-WL-074)	General refuse, crushed drums.	Area has been reclaimed.
Esso Resources Canada Ltd.	PUO	3	035	4	F	C		31	22	64	3	4 Cold Lake	1971	1977	(86-WL-074)	Oily waste pit (barrels, spill cleanup), general refuse.	Migration test holes drilled around site in '85 (none found).
Esso Resources Canada Ltd.	PUO	3	035	5	F	C		35	11	110	7	6 Zama	1969	1984	(84-WL-074)	General refuse, (after burning), scrap metal.	
Esso Resources Canada Ltd.	PUO	3	035	6	F	C		35	23	110	7	6 Zama	0	1981	(84-WL-074)	Scrap metal.	
Esso Resources Canada Ltd.	PUO	3	035	7	F	C		35	7	115	5	6 Zama	1980	1985	(84-WL-074)	Scrap metal, general refuse (burned).	
Esso Resources Canada Ltd.	PUO	3	035	8	F	C		33	4	71	18	5 Snipe Lake	1964	1986	(86-WL-074)	General refuse, filters, construction debris, lube oils (10%).	Hydrogeological study (incl. G.W. monitoring) recently implemented in this area.
Esso Resources Canada Ltd.	PUO	3	035	9	F	C		35	4	71	18	5 Snipe Crk	1964	1986		Waste lube oils.	
Esso Resources Canada Ltd.	PUO	3	035	10	F	C		31	36	63	11	5 Judy Creek	1960	1974	Community of Judy Creek used landfill.	General refuse (burned), empty barrels.	Area has been reclaimed with vegetation planted.
Esso Resources Canada Ltd.	PUO	3	035	11	F	C		32	6	64	10	5 Judy Creek	0	0		Scrap metal, wood, oil drums, insulation.	Area has been reclaimed.
Esso Resources Canada Ltd.	PUO	3	035	12	F	C		33	22	51	27	4 Leduc	1954	1974		Process sludges.	Studies undertaken, c/w 5 G.W. monitoring wells, shows no leachate contamination
Exchanger Industries Ltd. (Monsanto)	ARC	1	024	1	F	A		33	0	53	24	4 Edmonton	0	0	Old resin adhesive plant.		Alta. Env. is currently monitoring the site.
Fisons Western Corporation	MNG	3	005	1	F	C		35	0	53	7	5 Seba Beach	1976	1976		Gen. refuse, containers (oil, plastic, etc.), steel, wooden pallets.	

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Fisons Western Corporation	MNG	3	005	2	F	C		35	0	53	7	5 Seba Beach	1979	1987		General refuse, containers foil, plastic, etc.), scrap steel, wooden pallets.	
Fisons Western Corporation	MNG	3	005	3	F	O		20	0	53	7	5 Seba Beach	1987	0		General refuse, construction debris.	
Foothills Steel Foundry	MTL	2	006	1	F	O		10	18	23	28	4 Shepard	1974	0	Located east of Shepard. Site visited.	Slag, cast sand, emission control dust, mill scale, construction debris.	
Francana Minerals-Div of Agassiz Res Ltd	MNG	5	003	1	F	C		35	12	39	6	4 Metiskow	1969	1975	(82-ML-147)	General refuse, construction debris.	Site capped.
Francana Minerals-Div of Agassiz Res Ltd	MNG	5	003	2	F	C		35	12	39	6	4 Metiskow	1975	1984	(83-ML-147)	General refuse, construction debris.	Site covered with earth.
Francana Minerals-Div of Agassiz Res Ltd	MNG	5	003	3	F	C		35	12	39	6	4 Metiskow	1984	1985	(83-ML-147)	General refuse, construction debris.	Site covered and graded.
Francana Minerals-Div of Agassiz Res Ltd	MNG	5	003	4	F	O		20	12	39	6	4 Metiskow	1985	0	(83-ML-147)	General refuse, construction debris.	
Francana Minerals-Div of Agassiz Res Ltd	MNG	5	003	5	F	O		20	12	39	6	4 Metiskow	1986	0	(83-ML-147)	General refuse.	
Ganong's Slaughter House	ARC	1	017	1	F	A		35	22	30	14	4 Hanna	0	0	Associated with closed slaughter house.		
Goodyear Canada Incorporated	MAN	4	006	1	F	C		32	0	12	6	4 Med. Hat	1960	1965		Rubber grindings (removed).	Total clean-up completed in 1987.
Gregg River Resources Ltd.	MNG	1	002	1	F	O		35	21	47	24	5 Hinton	1983	0	Site cover co. disp. of wastes with mine tailings in mined out areas (84-ML-071)	General refuse, construction debris, empty containers.	
Gregg River Resources Ltd.	MNG	1	002	2	F	C		35	21	47	24	5 Hinton	1983	1987	Site cover co. disp. of waste with mine tailings in mined out areas. (84-ML-071)	General refuse, construction debris, chemical containers.	
Gulf Canada	ARC	1	002	1	F	A		32	0	5	29	4 Pinch. Crk	1957	1983	Has had testing/cleanup at gas plt-now decomissioned. 8 separate disp. areas.	Sulpur, caustic, amine filt. sludge, asbestos, iron ox., spent bauxite catalyst.	G/W monitoring present. Major report conducted by Monenco Consultants Ltd.

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Gulf Canada	ARC	1	002	2	F	A		32	0	5	29	4 Pinch. Crk	1957	1983	8 separate pits. Extensive decommissioning & testing done in 1986.	Hydrocarbon fluids, amine solution, caustic, sludges, asbestos.	G/W monitoring present. Major report conducted by Monenco Consultants Ltd.
Gulf Canada Corporation	MCP	2	056	1	F	D		20	11	31	21	4 Morrin	1977	0	Site also acts as a burn pit. (82-WL-165)	Gen. ref., sorbend catalyst, ashes (filters of glycol and lube oil).	
Gulf Canada Corporation	MCP	2	057	1	F	D		20	12	49	20	5 Hanlan	1981	0	(83-WL-015)	Gen. ref., ashes from incin., (filters, containers, act. carbon.	
Gulf Canada Corporation	MCP	2	058	1	F	D		20	5	44	1	5 Rimbey	1960	0	Received material from cleanup of oily sludge pit. (84-WL-160)	Material from oily sludge pit (dried at 1200 degrees C.)	Material tested by Alberta Environment prior to disposal.
Gulf Canada Corporation	MCP	2	058	2	F	C		34	5	44	1	5 Rimbey	1964	1971	Blowdown pit. (84-WL-160)	Blowdown from cooling tower.	Studies suggest cleanup at site decommissioning time.
Gulf Canada Corporation	MCP	2	058	3	F	D		20	5	44	1	5 Rimbey	1960	0	(84-WL-160)	General refuse, filters, (lube, glycol), oily rags, barrels.	Studies suggest cleanup at site decommissioning time.
Gulf Canada Corporation	MCP	2	058	4	F	C		34	5	44	1	5 Rimbey	1974	1975	(84-WL-160)	Construction debris only.	Site has been capped.
Gulf Canada Corporation	MCP	2	059	1	F	D		20	33	38	22	4 Nevis	1973	0	Report on groundwater monitoring (85-SA-669) by GTC in 1985. (84-WL-008)	Gen. ref., insul., alum catalyst. Past-sludges, oily rags, mol sieves, filters.	
Gulf Canada Corporation	MCP	2	059	2	F	C		34	33	38	22	4 Nevis	1956	1964	Report on groundwater monitoring (85-SA-669) by GTC in 1985. (84-WL-008)	Caustic (calcinated lime) from mercaptin stripping.	Studies recommend cleanup action be taken at time of site decommissioning.
Gulf Canada Corporation	MCP	2	059	3	F	C		34	33	38	22	4 Nevis	1965	1967	Report on groundwater monitoring (85-SA-669) by GTC in 1985. (84-WL-008)	Caustic (calcinated lime) from mercaptin stripping.	Studies have recommended cleanup action be taken at time of site decommissioning
Gulf Canada Corporation	MCP	2	059	4	F	C		34	33	38	22	4 Nevis	0	0	Report on groundwater monitoring (85-SA-669) by GTC in 1985. (84-WL-008)	Caustic (calcinated lime) from mercaptin stripping.	Studies recommend cleanup action at time of decommissioning.
Gulf Canada Corporation	MCP	2	060	1	F	D		20	35	37	9	5 Strachan	1973	0	Sulphur has been "limed and buried in the garbage pit". (86-WL-009)	Gen. ref., sulphur (disp. with lime), inlet sep. sludges, rags, mol sieve, filt.	
Gulf Canada Corporation	MCP	2	061	1	F	D		20	9	31	1	4 McGrath	1980	0	Iron sponge disposal covered in 85-WL-145. (85-WL-145)	Iron sponge, filters, general refuse.	Lined with 1.0 m of clay. Disposed of with lime.

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COMPANY	TYPE	SUB	GRP	L/F #	L/F LIC	L/F STAT	STATUS	SECT	TWP	RGE	W/M	AREA	OPER FROM	OPER TO	OVERALL COMMENTS	WASTE TYPES	DESIGN & OPERATION
Gulf Canada Corporation	MCP	2	062	1	F	C		25	28	67	22	4	Baptiste	1977	1982	Iron sponge was codisposed with lime as per Alta. Env. guidelines. (83-WL-177)	Iron sponge.	Lime disposed of with iron sponge.
Gulf Canada Corporation	PUO	3	038	1	F	C		33	8	81	22	4	Pelican Lk	0	1985		Oil pit sludges (resoved & solidified prior to reburial).	Sludges were solidified & have undergone leachate tests. Groundwater monitoring
Gulf Canada Corporation	PUO	3	038	2	F	C		31	8	81	22	4	Pelican Lk	0	1986		Scrap metal, incinerator ash (gen. ref., filters, insul.)	Site reclaimed.
Gulf Canada Corporation	PUO	3	038	3	T	O		30	8	81	22	4	Pelican Lk	1987	0	Recently licensed.	Scrap metal, incinerator ash (gen. ref., filters, insulation).	Licensed by Alberta Environment.
Hoedl's Gulf Service	ARC	2	007	1	F	O		24	33	69	23	5	Valleyview	0	0	Report by ERCB of a garage sump pit.		Garage sump pit.
Hose Oil Co. Ltd.	MCP	2	105	1	F	O		20	2	13	19	4	Turin	1964	0	Iron sponge (1500 tonnes) buried in l/f with 'nat. clay liner'. (87-WL-089)	Iron sponge, sorbed H, excess packaging.	
Hose Oil Co. Ltd.	MCP	2	106	1	F	O		35	22	74	24	4	Otter Lake	1969	0	Iron sponge mixed with lime per A.E. Spec. & covered by Lic. 87-WL-075.	Iron sponge (with lime).	Lime mixed with iron sponge.
Hose Oil Co. Ltd.	MCP	2	106	2	F	O		35	22	74	24	4	Otter Lake	1985	0	Iron sponge mixed with lime per A.E. Spec. & covered by Lic. 87-WL-075.	Iron sponge, incinerator ash (with lime).	Lime mixed with iron sponge.
Hose Oil Company Ltd.	MCP	2	063	1	F	C		35	3	30	2	5	Carstairs	1961	1961	(85-WL-014)	General construction, scrap metal, wood.	General plant groundwater monitoring has earth cover.
Hose Oil Company Ltd.	MCP	2	063	2	F	C		35	3	30	2	5	Carstairs	1959	1979	(85-WL-014)	Diatomaceous earth (160 t), asbestos filter material (20 t).	Has earth cover.
Hose Oil Company Ltd.	MCP	2	063	3	F	C		35	3	30	2	5	Carstairs	1962	1968	(85-WL-014)	Bauxite 90t, lime 90t, gypsum 32t plus general refuse.	Has earth cover.
Hose Oil Company Ltd.	MCP	2	063	4	F	C		35	3	30	2	5	Carstairs	1968	1974	(85-WL-014)	Bauxite (750t), gypsum (40t), lime (109t), mole sieve (13t), gen/scrap metal-?t	Has earth cover.
Hose Oil Company Ltd.	MCP	2	063	5	F	C		35	3	30	2	5	Carstairs	1974	1980	(85-WL-014)	Act. alum.-300t, lime-88t, diat. earth-70t, asb. filt.-9t, gyps.-31t, m.sie-3.6t	Has earth cover.

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Hose Oil Company Ltd.	HCP	2	063	6	F	O	20	3	30	2	5	Carstairs	1980	1985	Active landfill for Carstairs operation. (85-WL-014)	Lime-48t, diat. earth-32t, cellulose-3t, gypsum-17t, general & scrap metal-?t	Uncovered and active.
Hose Oil Company Ltd.	HCP	2	063	7	F	C	35	3	30	2	5	Carstairs	1961	1962	(85-WL-014)	Const. debris, scrap metal, wood.	Has earth cover.
Hose Oil Company Ltd.	HCP	2	063	8	F	C	35	3	30	2	5	Carstairs	1969	1969	(85-WL-014)	Concrete.	Has earth cover.
Hood Manufacturing Enterprises Ltd.	MNG	3	004	1	F	O	20	28	53	25	4	Edmonton	1963	0	Site is licensed as dry disposal site.	General refuse, construction debris, roots, clay and dirt.	
Hudson's Bay Oil & Gas Co. Ltd.	HCP	2	044	1	F	O	20	23	30	28	4	Carstairs	0	0	(85-WL-012)	Sulphur catalyst.	Lime used in burial. Site only open when catalyst disposed, otherwise closed.
Hudson's Bay Oil & Gas Co. Ltd.	HCP	2	044	2	F	C	35	23	30	28	4	Carstairs	1966	1981	LSD 6 of 23. (85-WL-012). Ground water monitoring at plant site.	Activated carbon, spent catalyst, filters, general waste.	
Hudson's Bay Oil & Gas Co. Ltd.	HCP	2	045	1	F	O	20	32	37	3	5	Sylvan Lk.	1964	0	Landfill has g/w mon. wells, evaluation report 1985 to SSA. (84-WL-108)	Iron sulphate, empty drums, tank bottoms, asphaltenes, activated carbon.	
Hudson's Bay Oil & Gas Co. Ltd.	HCP	2	048	1	F	C	35	13	116	6	6	Zama	1969	1974	SE1/4 of 13. (86-WL-115)	DEA filters, Kaiser S201 catalyst, general refuse.	Capped disposal site.
Hudson's Bay Oil & Gas Co. Ltd.	HCP	2	043	1	F	O	20	12	62	20	5	Fox Creek	1974	0	(84-WL-120)	Refuse, insulation, incinerator ash, DEA filter.	Runoff diversion.
Hudson's Bay Oil & Gas Co. Ltd.	HCP	2	043	2	F	O	20	12	62	20	5	Fox Creek	0	0	(84-WL-120)	Calcium sulphate with excess lime.	
Hudson's Bay Oil & Gas Co. Ltd.	HCP	2	043	3	F	C	34	12	62	20	5	Fox Creek	1967	1974	(84-WL-120)	Sulphur, construction debris, ash, plastics	Use of neutralizing lime not indicated.
Hudson's Bay Oil & Gas Co. Ltd.	HCP	2	037	1	F	O	20	8	24	12	4	Cessford	1957	0	(82-WL-059)	Oil & glycol filters, incinerator ash, general refuse from residences, glycol	Runoff diversion.
Hudson's Bay Oil & Gas Co. Ltd.	HCP	2	039	1	F	O	20	11	53	18	5	Edson	1965	0	(86-WL-059)	Sulp. catalyst, filters, const. debris. Didn't specify filt. cart. types-2870/yr	
Hudson's Bay Oil & Gas Co. Ltd.	HCP	2	035	1	F	O	20	20	34	4	5	Caroline	1968	0	Employees also use this site. (84-WL-145)	General refuse, filters, catalyst/dessicants, activated carbon, scrap metal.	Records of groundwater monitoring show no contamination in the area.

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Hudson's Bay Oil & Gas Co. Ltd.	HCP	2	034	1	F	C		31	1	46	14	5 Brazeau Rv	1968	1975	Site is composed of a number of cells. (85-WL-087)	General refuse, scrap metal, activated alumina.	Site has been reclaimed and seeded.
Hudson's Bay Oil & Gas Co. Ltd.	HCP	2	034	2	F	C		35	1	46	14	5 Brazeau Rv	1969	1979	(85-WL-087)	Activated alumina.	Groundwater monitoring in area.
Hudson's Bay Oil & Gas Co. Ltd.	HCP	2	209	1	F	C		35	2	69	22	5 Valleyview	1968	1969	(83-WL-160)	Construction debris.	
Hudson's Bay Oil & Gas Co. Ltd.	HCP	2	209	2	F	C		35	2	69	22	5 Valleyview	1970	1974	(83-WL-160)	General refuse, filters, scrap metal, construction debris.	
Hudson's Bay Oil & Gas Co. Ltd.	HCP	2	209	3	F	C		35	2	69	22	5 Valleyview	1974	1979	(83-WL-160)	General refuse, filters, scrap metal, construction debris.	
Husky Oil Operations Ltd.	PUO	3	041	1	F	C		32	33	45	6	4 Wainwright	1970	0		Wastes were removed.	
Husky Oil Operations Ltd.	PUO	3	041	2	F	O		20	6	87	12	5 Red Earth	1984	0		General refuse, oily rags, cans	Complies with forestry regulations.
Husky Oil Operations Ltd.	PUO	3	041	3	F	O		20	0	16	28	4 Nanton	0	0	Site is at Savanna Creek.	Ashes from waste incinerator.	Site complies with forestry regulations.
Husky Oil Operations Ltd.	HCP	1	002	1	F	C		35	1	50	1	4 Lloydmin.	1981	0	(83-WL-104)	Clay fill, concrete, construction debris.	Four groundwater monitoring wells around site. Site fenced.
Husky Oil Operations Ltd.	HCP	1	002	2	F	C		34	1	50	1	4 Lloydmin.	1983	1983	(83-WL-104)	Spray pond sludge, slop pit sludge.	Four groundwater monitoring wells around the site. Site fenced.
Husky Oil Operations Ltd.	HCP	1	002	3	F	C		34	1	50	1	4 Lloydmin.	0	0	(83-WL-104)	Waste line.	Site fenced.
Husky Oil Operations Ltd.	HCP	1	002	4	F	C		34	1	50	1	4 Lloydmin.	1949	1971	Consists 8 of small sites. (83-WL-104)	Leaded gasoline tank bottoms.	Extensive invest. undertaken by Husky in 1987. Site fenced.
Husky Oil Operations Ltd.	HCP	1	002	5	F	C		34	1	50	1	4 Lloydmin.	0	1983	(83-WL-104)	Off-spec. oily material, off-spec asphalt.	Extensive invest. undertaken by Husky in 1987. Site fenced.
Husky Oil Operations Ltd.	HCP	1	002	6	F	C		34	1	50	1	4 Lloydmin.	0	1983	(83-WL-104)	Distillate tank sludge.	Extensive invest. undertaken by Husky in 1987. Site fenced.

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COMPANY	TYPE	SUB	GRP	L/F #	L/F LIC	L/F STAT	STATUS	SECT	TWP	RGE	W/M	AREA	OPER FROM	OPER TO	OVERALL COMMENTS	WASTE TYPES	DESIGN & OPERATION
Husky Oil Operations Ltd.	HCP	1	002	7	F	C		34	1	50	1	4 Lloydmin.	0	1982	(82-WL-104)	Spent lime.	Extensive invest. undertaken by Husky in 1987. Site fenced.
Husky Oil Operations Ltd.	HCP	1	002	8	F	C		34	1	50	1	4 Lloydmin.	0	1984	(83-WL-104)	Oily wastes.	Extensive invest. undertaken by Husky in 1987. Site fenced.
Husky Oil Operations Ltd.	HCP	1	002	9	F	C		34	1	50	1	4 Lloydmin.	0	1980	(83-WL-104)	Waste pipe, barrels, spilled asphalt.	Extensive invest. undertaken by Husky in 1987. Site fenced.
Husky Oil Operations Ltd.	HCP	6	006	1	F	C		35	0	42	9	4 Hardisty	1963	1975	(86-WL-096)	Crude oil, tank bottoms, condensate tank bottoms.	
Husky Oil Operations Ltd.	HCP	6	006	2	F	C		35	0	42	9	4 Hardisty	0	0	(86-WL-096)	Crude oil tank bottoms, condensate tank bottoms.	
Husky Oil Operations Ltd.	HCP	6	006	3	F	C		35	0	42	9	4 Hardisty	1968	1975	(86-WL-096)	Crude tank bottoms, treater sand.	
Husky Oil Operations Ltd.	HCP	6	006	4	F	C		18	36	44	7	4 Wainwright	1963	1983	Company to supply environmental impact assessment.	Crude oil tank bottoms, condensate tank bottoms.	Site underlain by indigenous clay. Extnsv testing condctd in 1987. Site fenced.
Husky Oil Operations Ltd.	HCP	6	006	5	F	C		34	36	44	7	4 Wainwright	1964	1965	(86-WL-096)	Municipal refuse.	Site underlain by indigenous clay. Extnsv testing condctd in 1987. Site fenced.
Husky Oil Operations Ltd.	HCP	6	006	6	F	C		34	36	44	7	4 Wainwright	1953	1962	(86-WL-096)	Asphalt spills.	Site underlain by indigenous clay. Extnsv testing condctd in 1987. Site fenced.
Husky Oil Operations Ltd.	HCP	6	006	7	F	C		34	36	44	7	4 Wainwright	1952	1963	(86-WL-096)	Off-spec. oily material, tank bottoms.	Site underlain by indigenous clay. Extnsv testing condctd in 1987. Site fenced.
Husky Oil Operations Ltd.	HCP	6	006	8	F	C		33	2	50	1	4 Lloydmin.	0	1960	Former site of Kodiak refinery. (86-WL-096)	Oily material.	Extensive testing conducted in 1987.
Husky Oil Operations Ltd.	HCP	6	006	9	F	C		18	2	50	1	4 Lloydmin.	0	1960	Company to supply environmental impact assessment. (86-WL-096).	Oily wastes.	Extensive testing conducted in 1987.
Husky Oil Operations Ltd.	HCP	6	006	10	F	C		33	2	50	1	4 Lloydmin.	0	1963	(86-WL-096)	Asphalt wastes, oily tank bottom wastes.	Extensive testing conducted in 1987.

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COMPANY	TYPE	SUB	GRP	L/F #	L/F LIC	L/F STAT	STATUS	SECT	TWP	RGE	W/M	AREA	OPER FROM	OPER TO	OVERALL COMMENTS	WASTE TYPES	DESIGN & OPERATION
Husky Oil Operations Ltd.	HCP	6	006	11	F	C	34	2	50	1	4	Lloydmin.	1969	1972	(86-WL-096)	Asphalt tank bottoms.	Extensive testing conducted in 1987.
Husky Oil Operations Ltd.	HCP	6	006	12	F	C	34	2	50	1	4	Lloydmin.	0	0	(86-WL-096)	Asphalt tank bottoms.	Extensive testing conducted in 1987.
Husky Oil Operations Ltd.	HCP	6	006	13	F	C	18	2	50	1	4	Lloydmin.	0	1960	Company to supply an environmental impact study. (86-WL-096)	Asphalt.	Extensive testing conducted in 1987.
IPSCO Inc. (Big Inch Pipe Co.)	ARC	1	028	1	F	A	33	0	23	29	4	Calgary	0	0	Air photos indicate possible l/f area to south of facility.	Leachate tests on material indicate no problem.	
IPSCO Inc. (Canron Pipe)	ARC	1	020	1	F	A	33	0	23	29	4	Calgary	0	0	Air photos show large area east of fac. where waste disposed.	Leachate tests on material indicate no problem.	
IXL Industries Ltd.	MAN	5	013	1	F	D	20	32	12	5	4	Med. Hat	0	0	Start date unknown.	Brick, clay, wood.	
IXL Industries Ltd.	MAN	5	013	2	F	D	20	9	13	6	4	Redcliff	0	0	Start date unknown.	Concrete, glass, brick, metal.	
IXL Industries Ltd.	MAN	5	013	3	F	D	20	9	13	6	4	Redcliff	0	0	Start date unknown.	Concrete, glass, brick, metal.	
IXL Industries Ltd.	MAN	5	013	4	F	C	35	9	13	6	4	Redcliff	0	0	Start date unknown.	Concrete, glass, brick, metal.	Wastes covered.
Impact Industries Ltd.	MAN	2	009	1	F	D	20	18	39	26	4	Lacombe	1985	0	Site is also used by public. Covered by water license. (85-WL-010)	Sulphur and sulphur contaminated soil mixed with lime.	Lime is buried with sulphur when disposed.
Independent Porcelain Co. Ltd.	MAN	8	005	1	F	C	35	0	12	6	4	Med. Hat	1976	1985		Fired porcelain, waste wood, refractory material.	
Inland Cement	MNG	6	003	1	F	D	35	0	53	25	4	Edmonton	1972	0	Health permit. (86-WL-118)	Municipal wastes, construction debris.	
J.M. Huber Corporation	HCP	2	064	1	F	D	35	14	47	25	4	Wetaskiwin	0	0	Iron sponge was disposed with sufficient lime to neutralize. (85-WL-005)	Iron sponge (buried with lime).	
J.M. Huber Corporation	HCP	2	064	2	F	C	27	14	47	26	4	Wetaskiwin	0	0	2 cells (from active sheet). Landfill should be included in W.L. (85-WL-005	Iron sponge with lime.	Within fenced area.
Kainai Industries Ltd.	MAN	3	010	1	F	D	34	9	6	25	4	Standoff	1971	0	Public uses this site.	Wood, drywall, insulation, bedsprings, waste paper.	Invest. under H.E.L.P.

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COMPANY	TYPE	SUB	SRP	L/F #	L/F LIC	L/F STAT	STATUS	SECT	TWP	RGE	W/M	AREA	OPER FROM	OPER TO	OVERALL COMMENTS	WASTE TYPES	DESIGN & OPERATION
Ken Erickson (Deep Basin Wood Preserv.)	ARC	1	014	1	F	A		14	E	70	12	6 Beaverlodg	1977	1982	Old wood pres. op. Investigation to be conducted by owner.	Sludges from wood treating operation.	Synthetic liner in pit.
Killoran Farms Ltd. (Hargal Oil)	ARC	1	013	1	F	A		14	30	45	6	4 Wainwright	1924	1954	LSD 13. ERCB report of oil seeping from ground at site of abandoned pits.	Heavy oil pits covering about 0.4 Ha.	"Reclaimed" in 1954. Sub-soil investigation Dec. '86.
Koch Exploration Canada Ltd.	PUD	3	044	1	F	C		31	19	64	21	4 Boyle	1985	1985	(85-WL-022). Was an approved disposal area-now reclaimed as per C. Warke. (Koch)	Drill cuttings after cleaning.	Reclaimed well site lease.
Koch Exploration Canada Ltd.	PUD	3	044	2	F	C		35	30	49	6	4 Vermilion	1969	1976	LSD 9 of 30. Initially reported by ERCB. Predates 1969.	Oily wastes.	
Lafarge Canada Inc.	MNG	6	002	1	F	O		20	16	53	22	4 Edmonton	1956	0	(82-AL-127)	Cement, scrap metal, barrels, general refuse.	
Lafarge Canada Inc.	MNG	6	001	1	T	O		30	22	24	9	5 Exshaw	1965	0	(85-WL-164)	Kiln dust, waste cement, clinker.	Landfill licensed by Alta. Environment.
Lafarge Canada Inc.	MNG	6	001	2	F	C		34	22	24	9	5 Exshaw	0	1974	No action. (85-WL-164)	Municipal wastes.	Landfill has been capped.
Lafarge Canada Inc.	MNG	6	001	3	F	C		34	22	24	9	5 Exshaw	1910	1964	Abandoned site, no groundwater monitoring. (85-WL-164)	Kiln dust, general refuse, municipal wastes.	Landfill is capped.
Lario Oil & Gas Company	HCP	2	101	1	F	O		20	18	26	12	4 Sunnynook	0	0	(85-WL-191). "Located on well site lease held by Co-op Energy Developement Co."	Iron sponge mixed with lime to neutralize.	Disposed of with iron sponge.
Lethbridge Iron Works Co. Ltd.	MTL	2	007	1	F	C		35	0	9	22	4 Lethbridge	1898	1950	(75-WE-011)	Cinders, ashes.	
Luscar Ltd.	MNG	1	002	1	F	O		35	0	40	15	4 Forestburg	1981	0	Company disposes of waste with mine tailings. (86-WL-080)	General refuse, scrap metal, construction debris, spent containers.	
Luscar Sterco (1977) Ltd.	MNG	1	004	1	F	O		35	0	47	19	5 Coal Valley	1978	0	Company disposes of wastes with mine tailings. (84-WL-015)	General refuse, construction debris, small quantities of containers.	Mine site is off limits to public. Covered with a large amount of mine tailings.
Luscar Sterco (1977) Ltd.	MNG	1	004	2	F	C		35	0	47	19	5 Coal Valley	1976	1980	Site used for construction camp while mine was being built. (84-WL-015)	General refuse, camp wastes.	

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M.D. of Taber (Koch Oil)	ARC	1	005	1	F	A		22	31	7	14	4 Taber	1975	1982	Discussion currently underway with M.D. of Taber.	Slop oil and oil contaminated soil.	Koch Oil used area, 3 separate pits.
Manalta Coal Ltd.	MNG	1	005	1	F	D		36	12	29	13	4 Sheerness	0	0	Wastes disp. in mined out areas. (86-WL-114)	Fly & bottom ash (Alta. Power), const. debris.	Site approved by reclaimation division.
Manalta Coal Ltd.	MNG	1	006	1	F	D		35	25	40	15	4 Halkirk	1981	0	Site is currently being reclaimed. (84-WL-021)	General refuse.	Site being reclaimed, capped and revegetated.
Manalta Coal Ltd.	MNG	1	006	2	F	C		35	20	40	15	4 Halkirk	1965	1975	Co. identified this site. (84-WL-021)	General refuse.	
McCren Contracting (Gulf Refinery)	ARC	1	008	1	F	A		16	30	23	29	4 Calgary	1952	1973	Discussion underway on cleanup with landowner.	Oily sludge, spill debris.	Piezometers destroyed, site fenced.
Millar Western Industries Ltd.	WDP	1	008	1	F	D		20	35	59	12	5 Whitecourt	1983	0		Wood fibre, yard debris.	
Millar Western Industries Ltd.	WDP	1	008	2	F	C		31	35	59	12	5 Whitecourt	1975	1983		Wood fibre and yard debris.	Site has been reclaimed. New pulp mill to be built on top.
Millar Western Industries Ltd.	WDP	1	008	3	F	C		31	35	59	12	5 Whitecourt	1970	1975		Wood fibre and yard debris.	Site has been reclaimed. Pulp mill will be built on top.
Mobil Oil Canada Ltd.	HCP	2	068	1	F	D		20	17	110	6	6 Rainbow Lk	1986	0	(85-WL-004)	Incinerator ash (general refuse, filters), construction debris, desiccants.	Piezometer network installed around perimeter.
Mobil Oil Canada Ltd.	HCP	2	068	2	F	C		35	16	110	6	6 Rainbow Lk	1970	1980	(85-WL-004)	Drilling/pipe yard debris-incinerator ash.	Several pits 15 x 20 in area, earthed over and graded.
Mobil Oil Canada Ltd.	HCP	2	068	3	F	C		35	10	110	6	6 Rainbow Lk	1965	1985	(85-WL-004)	Mostly incinerator ash and construction debris, some desiccants.	Earthed over and graded. Several pits 30 x 30 m.
Mobil Oil Canada Ltd.	HCP	2	068	4	F	D		20	9	110	6	6 Rainbow Lk	1965	0	Not used by Mobil since 1975. (85-WL-004)	General refuse, construction debris.	
Mobil Oil Canada Ltd.	HCP	2	066	1	F	C		35	23	61	12	5 Whitecourt	1976	1982	(86-WL-065)	Mole. sieve - 20 t.	Closed but not revegetated.
Mobil Oil Canada Ltd.	HCP	2	066	2	F	C		35	23	61	12	5 Whitecourt	1977	1979	(86-WL-065)	Construction debris - 3 cu. m.	Closed but not revegetated.
Mobil Oil Canada Ltd.	HCP	2	066	3	F	C		35	23	61	12	5 Whitecourt	1965	1970	(86-WL-065)	Construction debris, 60 t, may also contain mole sieve and charcoal.	Closed and revegetated.

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Mobil Oil Canada Ltd.	HCP	2	066	4	F	C		35	23	61	12	5 Whitecourt	1962	1973	(86-WL-065)	Incinerator ash from refuse and glycol/oil filters.	Site closed.
Mobil Oil Canada Ltd.	HCP	2	067	1	F	C		35	12	34	26	4 Wiaborne	1965	1975	(83-WL-200)	Sludges (cooling tower/holding pond, boiler blowdown, oily, amine degr. prod.)	Surface water collected and deepwelled.
Mobil Oil Canada Ltd.	HCP	2	067	2	F	C		35	12	34	26	4 Wiaborne	1965	1975	Dry landfill. (83-WL-200)	Construction debris, some general refuse.	Area is fenced, revegetated.
Mobil Oil Canada Ltd.	HCP	2	067	3	F	O		20	12	34	26	4 Wiaborne	1975	0	(83-WL-200)	95% construction debris, some burn ash, charcoal.	
Mobil Oil Canada Ltd.	HCP	2	200	2	F	O		36	2	74	4	6 Sexsmith	1982	0	Sulphur cont. soil has been limed & is covered by License 84-WL-072C.	Sulphur contaminated soil, activated alumina.	Buried with lime.
Mobil Oil Canada Ltd.	HCP	2	200	1	F	C		31	2	74	4	6 Sexsmith	1977	1979	Dry landfill. (84-WL-072)	Construction material.	Area reclaimed.
Mobil Oil Canada, Ltd.	PUD	3	048	1	F	C		35	0	51	1	4 Lloydmin.	1976	1980	Consists of several smaller pits.	General refuse, construction debris.	
Mobil Oil Canada, Ltd.	PUD	3	048	2	F	C		31	0	50	3	4 Kitscoty	1975	1980		General refuse, construction debris.	Site has been covered and revegetated.
Mobil Oil Canada, Ltd.	HCP	2	019	1	F	C		16	27	31	4	5 Hanmattan	1962	1965	Use of neutralizing lime not indicated. (85-WL-056)	Charc., catalysts(baux & alumina), desiccants-(mol. sieve & silagel), ir. sulph.	Site has been reclaimed. Investigation conducted by Stanley & Assoc.
Mobil Oil Canada, Ltd.	HCP	2	019	2	T	C		30	27	31	4	5 Hanmattan	1977	1982	Dirty sulphur disposed of with lime in Alta. Env. approved pits. (85-WL-056)	Dirty sulphur (200 tonnes).	Lime disposed of with sulphur. Investigation conducted by Stanley.
Mobil Oil Canada, Ltd.	HCP	2	019	3	F	O		16	27	31	4	5 Hanmattan	1969	0	Site consists act/aband portion. Use of neutr. lime not indic. (85-WL-056)	Iron sulphide, sulphur filters, construction debris, activated alumina, charcoal	Investigation conducted by Stanley and Associates.
Mobil Oil Canada, Ltd.	HCP	2	020	1	F	C		35	27	29	28	4 Crossfield	1971	1984	(82-WL-208)	General refuse, bauxite, filters, charcoal.	
Mobil Oil Canada, Ltd.	HCP	2	020	2	F	C		35	27	29	28	4 Crossfield	1971	1971	(82-WL-208)	Construction debris.	Site has been covered and revegetated.
Murphy Oil Company Ltd.	PUD	3	052	1	F	C		21	12	58	5	4 Lindbergh	1974	1986	Site will be reclaimed and revegetated in the future.	Rags, scrap metal, lumber, filters, insulation, etc.	Plans to reclaim site underway.

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Murphy Oil Company Ltd.	PUD	3	052	2	F	O		30	13	58	5	4 Lindbergh	1986	0	Licensed by Forestry, Lands and Wildlife.	General refuse, metal, wood, tires, insulation, filters, etc.	Wastes are covered yearly.
Narp Processors Ltd.	FDP	5	004	1	T	C		18	24	73	6	6 Sexsmith	1980	1986	Company to licence site or submit closure plan. (88-WL-016).	Vegetable oil, canola meal, construction debris.	
Norcen Energy Resources Ltd.	PUD	3	053	1	F	C		35	3	47	7	5 Drayt Vall	1976	1986		Gen. ref., const. debris, small amts. of oily sludge & pigging wax.	
Norcen Energy Resources Ltd.	PUD	3	053	2	F	C		35	19	50	1	4 Lloydmin.	0	1970	Under ERCB jurisdiction.	Oily sand.	Site to be reclaimed upon facility decommissioning.
Norcen Energy Resources Ltd.	PUD	3	053	3	F	C		34	32	36	1	4 Provost	1973	1982	Under ERCB jurisdiction.	Process sand, oily sludge (10%), spill debris (10%).	Site to be reclaimed upon facility decommissioning.
Norcen Energy Resources Ltd.	PUD	3	053	4	F	C		34	3	37	1	4 Provost	1978	1984	Under ERCB jurisdiction.	Process sand, oily sludges, oil spill debris.	Site to be reclaimed upon facility decommissioning.
Norcen Energy Resources Ltd.	PUD	3	053	5	F	C		35	34	36	1	4 Provost	1982	1985	Under ERCB jurisdiction.	Process sand, oily sludges, oil spill debris.	
North Star Oil Ltd.	ARC	2	014	1	F	A		14	0	71	6	6 Gr.Prairie	0	0	Site of old North Star Refinery. Presently used as storage yard for ind. park.		Investigation planned for 1988.
Northstar Energy Corporation	HCP	2	113	1	F	C		35	19	12	18	4 Taber	1975	1987	(86-WL-139)	Wood, metal, filters, activated charcoal.	Site closed in 1987.
Northstar Energy Corporation	HCP	2	113	2	F	C		35	19	12	18	4 Taber	1983	1988	(86-WL-139)	Activated carbon, filter cartridges, metal, wood.	Site closed in 1988.
Northwestern Utilities Ltd.	HCP	6	007	1	F	O		20	25	48	13	4 Viking	0	0		General refuse, old lumber, cement.	
Northwestern Utilities Ltd.	HCP	6	007	2	F	O		20	5	48	11	4 Kinsella	0	0		Old lumber, general refuse.	
Norwood Foundry	ARC	1	012	1	F	A		14	30	50	24	4 Nisku	0	1983	Baghouse dust disp.-Blackmud Crk. bank halted-1983. Blk. 2-Lot 5-Pl.1464-req s/v	Moulding sand, baghouse wastes.	Order issued for a layer of clay to be placed over top of the material.
Nova, An Alberta Corporation	HCP	6	008	1	F	C		31	2	33	26	4 Torrington	1964	1987		General refuse, wood debris, paper, rags.	Site reclaimed.
Nova, An Alberta Corporation	HCP	6	008	2	F	C		31	0	29	4	5 Cremona	1969	1986		General refuse, paper, rags.	Site reclaimed.

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Nova, An Alberta Corporation	HCP	6	008	3	F	C	31	0	20	3	5	Turner Val	1969	1986		General refuse, paper, rags.	Site reclaimed.
Nova, An Alberta Corporation	HCP	6	008	4	F	C	31	29	30	2	5	Didsbury	0	1986	Invest. under H.E.L.P. in 1987. Site is comprised of a no. of small cells.	General refuse, oil, filters, paper.	Site reclaimed.
Nova, An Alberta Corporation	HCP	6	008	5	F	C	31	26	21	4	4	Cavendish	1982	1987		General refuse, wood, paper.	Site reclaimed.
Nova, An Alberta Corporation	HCP	6	008	6	F	C	31	0	25	19	4	Hussar	0	1987		General refuse, wood, paper.	Site reclaimed.
Nova, An Alberta Corporation	HCP	6	008	7	F	C	31	0	49	15	5	Wolf Lake	1975	1987		General refuse, paper.	Site reclaimed.
Nuco Refinery	ARC	2	010	1	F	A	14	7	50	1	4	Blackfoot	0	0	Site of old refinery. S/V required.		Investigation planned for 1988.
O.K. Construction Materials	MNG	4	001	1	F	O	20	8	53	23	4	Edmonton	0	0	Public also uses this site. (85-WL-038)	Concrete, gravel, topsoil, clay.	Clay is lined throughout the landfill.
O.K. Construction Materials	MNG	4	001	2	F	O	20	8	53	23	4	Edmonton	0	0	Public also uses this site. (85-WL-038)	Concrete, clay, topsoil.	Site is completely clay lined.
Obed Mountain Coal Co. Ltd.	MNG	1	008	1	F	O	35	28	53	24	5	Hinton	1984	0	Wastes disp. of at bottom of mined out area & covered with tailings. (85-WL-183)	General refuse.	
Oraskirk Investaents (Two Hills Chea.)	ARC	1	009	1	F	A	14	27	55	12	4	Duvernay	1953	1978	Assoc. with old chloro-alkali facility at Town of Duvernay.	Cell bodies, constrn debris, chlorine sludges, asbestos.	Investigation currently underway.
Oraskirk Investaents (Two Hills Chea.)	ARC	1	009	2	F	A	14	27	55	12	4	Duvernay	1980	1986	Landfill used by Western Truck Body.	Empty paint cans, solvents, fiberglass molds some caustic bbls	Investigation currently underway.
Oraskirk Investaents (Two Hills Chea.)	ARC	1	009	3	F	A	14	27	55	12	4	Duvernay	1953	1978	Sludge disposal area assoc. with chloro-alkali fac. at Duvernay.	CaCl sludges.	Investigation currently underway.
Paloaa Petroleua Ltd.	PUO	3	059	1	F	O	20	18	94	2	6	Manning	1983	0	(82-WF-071)	Iron sponge aaterial.	Material is covered right after burial.
Pan Canadian Petroleua Ltd.	HCP	2	108	1	F	C	35	30	15	21	4	Vulcan	1982	1985	(82-WL-047)	General refuse, aaine filters.	Pit is beraed.
Paraaount Resources Ltd.	HCP	2	069	1	F	O	20	31	94	18	4	Legend	1984	0	Iron sponge has been disposed of with liae in a lined landfill. (83-WL-221)	Burial of iron sponge (aaount unknown) and nonburnable refuse.	Liae company disposed of with iron sponge.

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Paramount Resources Ltd.	HCP	2 110	1	F	O		34	36	86	19	4 Saleski	1982	C	Invest. by H.E.L.P. (82-WL-191)	Unburnable mat. deposited in pit, evid. of past iron sponge disp.	Buried with lime in an engineered landfill.
Parkland Refineries	HCP	1 004	1	F	C		18	26	34	1	5 Bolden	1980	1984	Hydrogeological report on site required by S & A. (85-WL-134)	API sludges, NHT catalyst, charcoal/zeolites, general refuse.	Site capped.
Parks Canada	FED	2 002	1	F	O		35	0	46	1	6 Jasper	1972	0	2 km. south of Jasper airfield. Trade waste site (82, Leech, 1985).	Wood, scrap metal, packaging, plastics, some paint.	Old gravel pit.
Parks Canada	FED	2 001	1	F	C		35	11	26	12	5 Banff	0	1968	SE1/4. Trade site (82, Leech, 1985).	Dry "trade" wastes.	Originally an abandoned gravel pit.
Parks Canada	FED	2 001	2	F	O		35	24	25	11	5 Carrot Crk	0	1987	NW1/4. Trade waste site (84, Leech, 1985).	Asphalt, concrete, trade, garden refuse.	Casual usage by nontrade/industrial.
Peace Pipe Line Ltd.	HCP	6 009	1	F	C		31	10	69	22	5 Valleyview	1969	1976		Ash (general refuse, filters).	Site closed and capped.
Peace Pipe Line Ltd.	HCP	6 009	2	F	C		31	10	69	22	5 Valleyview	1955	1968		Construction debris.	Area capped.
Peace Pipe Line Ltd.	HCP	6 009	3	F	C		31	10	69	22	5 Valleyview	1977	1982		Ash (general refuse, filters).	Site capped.
Peace Pipe Line Ltd.	HCP	6 009	4	F	C		31	10	69	22	5 Valleyview	1979	1981		Oil contaminated soil.	Site capped.
Peace Pipe Line Ltd.	HCP	6 009	5	F	O		20	10	69	22	5 Valleyview	1979	0		Construction debris.	
Peace Pipe Line Ltd.	HCP	6 009	6	F	O		20	23	79	12	5 Gift Lake	1964	0		Ash (general refuse, filters), pigging wax.	
Peace Pipe Line Ltd.	HCP	6 009	7	F	C		31	36	62	20	5 Fox Creek	1957	1981		General refuse, construction debris, oily waste, pigging wax, rags.	Landfill capped.
Peerless Wood Preservers Ltd.	ARC	1 007	1	F	A		22	30	17	28	4 Cayley	1960	1982	Old wood treating oper. (phenolics). Aban. fac. to be properly decommissioned.	Wood preservative sludges.	
Pelican Spruce Mills Ltd.	WDP	3 005	1	F	C		35	29	53	17	5 Edson	1984	1986	(86-WL-069)	Aspen bark, sawdust and lag trims. Voluses estimated.	
Peobina Resources Ltd.	PUO	3 062	1	F	O		21	33	48	6	5 Bray.Vall.	1957	0	Site to be closed and reclaimed.	General refuse (primarily paper).	
Petro Canada Inc.	HCP	2 111	1	F	C		31	32	41	12	4 Alliance	1956	1980	Site reclaimed and revegetated. (83-WL-176)	Barrels, steel, office garbage, wood, precipitator hay.	

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Petro Canada Inc.	HCP	2	111	2	F	C		35	30	41	12	4 Alliance	1980	1984	(83-ML-176)	Barrels, steel, general refuse, wood, precipitor hay, sand sludge.	Site backfilled and seeded.
Petro Canada Inc.	HCP	2	111	3	F	C		35	28	41	12	4 Alliance	1984	1984	(83-ML-176)	Not known barrels were empty.	Site backfilled and seeded.
Petro Canada Inc.	HCP	2	070	1	F	C		34	31	48	12	5 Lodgepole	1979	1985	This landfill has two cells. (85-ML-106)	Filters, construction debris, camp refuse.	Invest. by Help.
Petro Canada Inc.	HCP	2	071	1	F	D		20	11	20	1	4 McNeill	1964	0	(84-ML-168)	Gen. ref, wood deb.-cooling towers, silica base desic., filters, act. carbon	Investigation into W.M. practices.
Petro Canada Inc.	HCP	2	208	1	F	D		20	6	105	22	5 Metis	1985	0		Household filters.	Runoff diversion.
Petro Canada Inc.	HCP	2	207	1	F	D		20	19	102	2	6 Paddle Pr.	1985	0		Household wastes and filters.	Runoff diversion.
Petro Canada Inc.	HCP	2	076	1	F	C		35	0	26	5	5 Cochrane	1969	1979	TSG. Landfill specific groundwater monitoring, Piteau & Associates. (84-ML-078)	Sulphur, act. alum. catalyst, charcoal, asbestos, ir. sulph., paint cans, drums	
Petro Canada Inc.	HCP	2	076	2	F	C		35	0	26	5	5 Cochrane	1961	1969	SG. Co. has mon. wells downgradient of sulp/ir. sulphate waste site. (84-ML-078)	Sulphur, act. alum. catalyst, charcoal, asbestos, ir. sulph, paint cans, drums	
Petro Canada Inc.	HCP	2	076	3	F	C		35	0	26	5	5 Cochrane	1961	1971	(84-ML-078)	Old concrete sulphur stack, activated alumina catalyst, silica gel, charcoal	
Petro Canada Inc.	HCP	2	076	4	F	C		35	0	26	5	5 Cochrane	1966	1966	Co. has mon. wells downgradient of buried sulp. & sulp. stack. (84-ML-078)	Sulphur, concrete.	
Petro Canada Inc.	HCP	2	078	1	F	D		20	26	67	5	6 Dorsheid	1970	0	Consists of 1 open cell and 6 closed cells, landfills 1-7. (83-ML-215)	General refuse, construction debris, filters, desiccants.	
Petro Canada Inc.	HCP	2	078	8	F	C		35	26	67	5	6 Dorsheid	1969	1970	(83-ML-215)	General refuse, construction debris.	
Petro Canada Inc.	HCP	2	078	9	F	C		35	26	67	5	6 Dorsheid	1979	1979	(83-ML-215)	Empty barrels.	
Petro Canada Inc.	HCP	2	078	10	F	C		35	26	67	5	6 Dorsheid	1985	1985	(83-ML-215)	Catalysts.	

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Petro Canada Inc.	HCP	2	078	11	F	C		35	26	67	5	6 Dorsheid	1986	1986	(83-WL-215)	Catalysts.	Buried with lime.
Petro Canada Inc.	HCP	2	078	12	F	C		35	26	67	5	6 Dorsheid	1985	1985	(83-WL-215)	Scrapped sulphur condenser, scrapped waste heat exchanger.	
Petro Canada Inc.	HCP	2	078	13	F	C		35	26	67	5	6 Dorsheid	1982	1982	(83-WL-215)	Scrapped 500 BBL tank.	
Petro Canada Inc.	HCP	2	078	14	F	D		20	26	67	5	6 Dorsheid	1970	0	(83-WL-215)	Reclaimer bottoms, diatomaceous earth.	
Petro Canada Products	HCP	1	003	1	Y	D		20	8	53	23	4 Edmonton	1984	0	Landfarm operations. (86-WL-132)	Oily sludges.	Licensed operation.
Petro Canada Products	HCP	1	003	2	F	D		20	8	53	23	4 Edmonton	1984	0	Landfarm for TEL. (86-WL-132)	TEL sludge.	Runoff diversion.
Petro Canada Products	HCP	1	003	3	F	C		35	8	53	23	4 Edmonton	1960	1960	(86-WL-132)	Oily sludge.	
Petro Canada Products	HCP	1	003	4	F	C		35	8	53	23	4 Edmonton	1951	1971	Eight pits. (86-WL-132)	Tank bottoms.	
Petro Canada Products	HCP	1	003	5	F	C		35	8	53	23	4 Edmonton	1980	1980	(86-WL-132)	Effluent pond sludge accumulated in core of tank dykes.	Sludges in core of containment dyke.
Petro Canada Products	HCP	1	003	6	F	C		32	8	53	23	4 Edmonton	1951	1971	(86-WL-132)	Bunker tank sludge.	Wastes removed from site.
Petro Canada Products	HCP	1	003	7	F	C		32	8	53	23	4 Edmonton	1951	1971	(86-WL-132)	Copper-sulphide impregnated old cooling water pond bottoms.	Wastes removed from site.
Petro Canada Products	HCP	1	003	8	F	C		32	8	53	23	4 Edmonton	1951	1970	(86-WL-132)	Barrel burial area. Company not sure if barrels are empty.	Material removed during expansion.
Petro Canada Products	HCP	1	003	9	F	C		35	8	53	23	4 Edmonton	1951	1970	(86-WL-132)	Crushed barrels & containers.	
Petro Canada Products	HCP	1	003	10	F	C		35	8	53	23	4 Edmonton	1983	1983	(86-WL-132)	Diesel ignition improver - 3. Octyl nitrates.	
Petro Canada Products	HCP	1	003	11	F	C		35	8	53	23	4 Edmonton	1986	1986	(86-WL-132)	Anthracite coal.	
Petro Canada Products	HCP	1	003	12	F	C		32	4	53	23	4 Edmonton	1968	1970	Wastes removed spring of 1987. (86-WL-132)	All contaminated material removed.	
Petro Canada Resources	HCP	2	074	1	F	C		35	9	64	19	5 Fox Creek	1976	1985	Spent iron sponge codisposed with bulk lime in succeeding layers. (83-WL-076)	Spent iron sponge.	Lime put in with iron sponge.

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Petro Canada Resources	HCP	2	074	2	F	C		35	9	64	19	5 Fox Creek	0	0	Spent iron sponge codisposed with bulk lime in succeeding layers. (83-WL-076)	Spent iron sponge.	Lime buried with waste.
Petro Canada Resources	HCP	2	074	3	F	C		35	9	64	19	5 Fox Creek	1985	1986	Spent iron sponge covered with bulk lime prior to backfilling. (83-WL-076)	Spent iron sponge.	Lime buried with waste.
Petro Canada Resources	PUO	3	063	1	F	C		33	10	15	10	4 Med. Hat	1968	1986		Act. carbon, glycol filters, lube oil filters, oily sludges, tank bottoms.	Invest. c/w soil analysis and trenching of landfill undertaken.
Petro Canada Resources	PUO	3	063	2	T	O		30	10	15	10	4 Med. Hat	1986	0		Treater hay, filters (glycol and lube).	Invest. c/w soil analysis and trenching of landfill undertaken.
Petro Canada Resources	PUO	3	063	3	F	C		33	20	15	3	4 Med. Hat	0	1980		Act. carbon, filters, containers, (lubes, solvents) const. material, oily rags	Invest. into landfill carried out.
Petro Canada Resources	PUO	3	063	4	F	O		20	20	15	3	4 Med. Hat	1980	0		Wood, metal, general refuse, filter (glycol, lube) insulation.	Invest. into landfill carried out.
Petro Canada Resources	PUO	3	063	5	F	C		33	33	15	3	4 Med. Hat	1973	1983		General refuse, const. debris, filters, containers. Some oil is present in l/f.	Invest. into landfill carried out.
Petro Canada Resources	PUO	3	063	6	F	O		20	33	15	3	4 Med. Hat	1983	0		Wood, metal, filters, containers.	Invest. into landfill carried out.
Petro Canada Resources	PUO	3	063	7	F	C		33	33	15	4	4 Med. Hat	1970	1980		Filters, containers, hydrocarbons, metal, activated carbon. Some oil is present.	Invest. into landfill carried out.
Petro Canada Resources	PUO	3	063	8	F	O		20	33	15	4	4 Med. Hat	1980	0		Filters, containers, barrels, wood, metal.	Invest. into landfill undertaken.
Petro Canada Resources	PUO	3	063	9	F	C		35	10	18	3	4 Med. Hat	1975	1984		Activated carbon, filters, oily rags.	
Petro Canada Resources	PUO	3	063	10	F	O		20	10	18	3	4 Med. Hat	1984	0		Oil pails, filters, oily rags, activated carbon, various containers.	

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Petro Canada Resources	PUO	3	063	11	F	C		33	35	45	6	4 Wainwright	1950	1975		Empty barrels, filters, construction material.	Investigation into landfill carried out.
Petro Canada Resources	PUO	3	063	12	F	O		20	21	48	9	4 Kinsella	1976	0		General refuse, filters, oily rags, containers, construction debris.	Investigation into landfill carried out.
Petro Canada Resources	PUO	3	063	13	F	C		33	21	48	9	4 Kinsella	0	0		Filters, construction debris, hydrocarbons.	Investigation into landfill carried out.
Petro Canada Resources	PUO	3	063	14	F	O		20	23	57	21	4 Redwater	0	0		Containers, const. debris, filters, waste oil, oily rags.	Invest. into landfill carried out.
Petro Canada Resources	PUO	3	063	15	F	C		33	13	63	18	4 FigureLake	1969	1980		General refuse, oil filters, lube oil, containers.	Invest. into landfill undertaken.
Petro Canada Resources	PUO	3	063	16	F	O		20	13	63	18	4 FigureLake	1980	0		Containers, filters, construction debris.	Invest. into landfill undertaken.
Petro Canada Resources	PUO	3	063	17	F	C		33	9	82	9	5 Utikuma	1977	1987		Construction debris, general refuse, filters, containers.	Investigation carried out. Area consists of a landfill and flare pit.
Petro Canada Resources	PUO	3	063	18	F	C		33	2	75	7	6 Sexsmith	1974	1984		Filters, oily rags, hydrocarbons, wood.	Investigation into landfill undertaken.
Petro Canada Resources	PUO	3	063	19	F	O		20	17	102	2	6 Keg River	1976	0		General refuse.	Investigation into landfill undertaken.
Petrogas Processing Ltd.	HCP	2	017	1	F	C		35	2	26	29	4 Balzac	1961	1967	(83-ML-073)	Gen. refuse, const. debris, filter cartridges (DEA earth filters - separate pit)	
Petrogas Processing Ltd.	HCP	2	017	2	F	C		35	2	26	29	4 Balzac	1967	1984	Site has four cells. (83-ML-073)	General refuse, construction debris, filter cartridges.	
Petrogas Processing Ltd.	HCP	2	017	3	F	C		35	2	26	29	4 Balzac	1967	1974	(83-ML-073)	Bauxite and alumina catalyst.	
Petrogas Processing Ltd.	HCP	2	017	4	F	O		20	2	26	29	4 Balzac	1961	0	(83-ML-073)	Filter cake from DEA filters.	
Petrogas Processing Ltd.	HCP	2	017	5	F	O		20	2	26	29	4 Balzac	1970	0	(83-ML-073)	Drilling muds.	
Premier Carbon Black Ltd.	ABC	2	021	1	F	A		14	19	31	16	4 Craigmyle	0	0	Premier Carbon Black Ltd. operated a pigment manufacturing plant in the 1940s.		Investigation planned for 1988.

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Procter and Gamble Cellulose	WDP	2	002	1	T	O		30	21	70	5	6 Gr Prairie	1987	0	Site is in an old gravel pit. (83-WL-061)	Primary clarifier sludge, wood yard debris, power boiler ash.	Licensed through Alberta Environment.
Procter and Gamble Cellulose	WDP	2	002	2	F	O		15	22	70	5	6 Gr Prairie	1973	0		Lime dregs, general refuse, const. debris.	Leachate collection system installed 8/87.
Procter and Gamble Cellulose	WDP	2	002	3	F	C		31	6	70	5	6 Gr Prairie	1973	0	Site is currently not used. (83-WL-061)	Wood yard debris, primary clarifier sludge, power boiler ash.	Site is capped and revegetated.
Procter and Gamble Cellulose	WDP	2	002	4	F	C		35	22	70	5	6 Gr Prairie	1971	1974	(83-WL-061)	Lime dregs, general refuse, construction debris.	
Procter and Gamble Cellulose	WDP	2	002	5	F	C		35	5	63	9	6 Gr Prairie	0	0	Site is associated with woodland operations. (83-WL-061)	General refuse, scrap metal.	Operation and closures are reviewed by Alberta Forestry.
Procter and Gamble Cellulose	WDP	2	002	6	F	C		30	35	62	9	6 Gr Prairie	0	0	Site is associated with woodland operations. (83-WL-061)	General refuse, scrap metal.	Operation and closures are reviewed by Alberta Forestry.
Procter and Gamble Cellulose	WDP	2	002	7	F	C		35	31	62	7	6 Gr Prairie	0	0	Site is associated with woodland operations. (83-WL-061)	General refuse, scrap metal,	Operation and closures are reviewed by Alberta Forestry.
Procter and Gamble Cellulose	WDP	2	002	8	F	C		25	4	63	7	6 Gr Prairie	0	0	Site is associated with woodland operations. (83-WL-061)	General refuse, scrap metal.	Operation and closures are reviewed by Alberta Forestry.
Procter and Gamble Cellulose	WDP	2	002	9	F	C		35	32	62	7	6 Gr Prairie	0	0	Site is associated with woodland operations. (83-WL-061)	General refuse, scrap metal.	Operation and closures are reviewed by Alberta Forestry.
Procter and Gamble Cellulose	WDP	2	002	10	F	O		30	16	62	8	6 Gr Prairie	0	0	Site is associated with woodland operations. (83-WL-061)	General refuse, scrap metal.	Operation and closures are reviewed by Alberta Forestry.
Procter and Gamble Cellulose	WDP	2	002	11	F	O		30	18	65	7	6 Gr Prairie	0	0	Site is associated with woodland operations. (83-WL-061)	General refuse, scrap metal.	Operation and closures are reviewed by Alberta Forestry.
Procter and Gamble Cellulose	WDP	2	002	12	F	C		35	27	65	6	6 Gr Prairie	0	0	Site is associated with woodland operations. (83-WL-061)	General refuse, scrap metal.	Operation and closures are reviewed by Alberta Forestry.
Procter and Gamble Cellulose	WDP	2	002	13	F	C		35	23	66	7	6 Gr Prairie	0	0	Site is associated with woodland operations. (83-WL-061)	General refuse, scrap metal.	Operation and closures are reviewed by Alberta Forestry.
Procter and Gamble Cellulose	WDP	2	002	14	F	C		35	2	68	6	6 Gr Prairie	0	0	Site is associated with woodland operations. (83-WL-061)	General refuse, scrap metal.	Operation and closures are reviewed by Alberta Forestry.
Procter and Gamble Cellulose	WDP	2	002	15	F	C		35	8	65	7	6 Gr Prairie	0	0	Site is associated with woodland operations. (83-WL-061)	General refuse, scrap metal.	Operation and closures are reviewed by Alberta Forestry.

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Procter and Gamble Cellulose	WDP	2	002	16	F	C		35	2	67	11	6 Gr Prairie	0	0	Site is associated with woodland operations. (83-WL-061)	General refuse, scrap metal.	Operation and closures are reviewed by Alberta Forestry.
Procter and Gamble Cellulose	WDP	2	002	17	F	C		35	26	76	11	6 Hythe	0	0	Site is associated with woodland operations. (83-WL-061)	General refuse, scrap metal.	Operation and closures are reviewed by Alberta Forestry.
Purity 99 Refinery	ARC	1	029	1	F	A		14	4	19	2	5 Blk. Diam.	1954	1954	Gord McDowell (NE-4). L/F at 14-4 near Tongue Crk.	Old oil tanks, oil refinery demolition debris.	Refinery closed in 1954. File has site map. Investigation planned for site.
Rainbow Pipe Line Company, Ltd.	MCP	6	010	2	F	D		20	11	109	8	6 Rainbow Lk	1975	0	Consists of a number of smaller pits.	General refuse, contaminated soil, construction debris.	
Rainbow Pipe Line Company, Ltd.	MCP	6	010	3	F	C		35	11	109	8	6 Rainbow Lk	1965	1975		Types of wastes assumed to be general refuse, contaminated soil, const. debris.	
Rainbow Pipe Line Company, Ltd.	MCP	6	010	1	F	D		20	7	116	5	6 Zama	1965	0	Consists of a number of small pits.	General refuse, construction material, ash from incinerator.	
Renn-Vertex Industries Ltd.	MAN	2	025	1	F	D		20	27	50	6	4 Vermilion	1981	0		Scrap metal, uncombustibles, packing material.	
Shell Canada Ltd.	MCP	2	088	1	F	C		26	3	35	1	5 Bowden	1960	1983	(83-WL-124)	Sulphur catalyst, activated carbon, filters: amine, glycol, oil, general.	
Shell Canada Ltd.	MCP	2	087	1	F	C		35	21	4	30	4 Pinch Crk.	0	0	(84-WL-059)	Misc. garbage, filter cartridges.	
Shell Canada Ltd.	MCP	2	087	2	F	C		35	21	4	30	4 Pinch Crk.	0	1983	Use of neutralizing lime not indicated. (84-WL-059)	Cartridge filters, sulphur cont. soil, scrap iron, waste oil, spent catalyst	
Shell Canada Ltd.	MCP	2	087	3	F	C		35	21	4	30	4 Pinch Crk.	0	0	(84-WL-059)	Catalysts	
Shell Canada Ltd.	MCP	2	087	4	F	C		35	21	4	30	4 Pinch Crk.	0	0	(84-WL-059)	Scrap iron.	
Shell Canada Ltd.	MCP	2	087	5	F	C		35	21	4	30	4 Pinch Crk.	0	1983	(84-WL-059)	Miscellaneous garbage, scrap iron.	
Shell Canada Ltd.	MCP	2	087	6	F	C		35	21	4	30	4 Pinch Crk.	0	1982	Use of neutralizing lime not indicated. (84-WL-059)	Dirty sulphur.	
Shell Canada Ltd.	MCP	2	087	7	F	C		35	21	4	30	4 Pinch Crk.	0	0	Use of neutralizing lime not indicated. (84-WL-059)	Sulphur contaminated soil.	

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Shell Canada Ltd.	HCP	2	087	8	F	C		35	21	4	30	4 Pinch Crk.	0	0	Use of neutralizing lime not indicated. (84-WL-059)	Sulphur contaminated soil.	
Shell Canada Ltd.	HCP	2	083	1	T	D		30	0	25	5	5 Cochrane	1968	0	Groundwater monitoring, leachate collection and treatment. (85-WL-115)	Sc. iron, iron sulph, filt. socks, recl. bottoms, catalysts, alum, lime, zeolite	Leachate collection and treatment.
Shell Canada Ltd.	HCP	2	083	2	F	C		35	0	25	5	5 Cochrane	1952	1960	Plant wide groundwater monitoring, landfill outside of fence. (85-WL-115)	Wood, catalysts, iron sulphide, amine filters	
Shell Canada Ltd.	HCP	2	083	3	F	C		35	0	25	5	5 Cochrane	1952	1960	Covered under plant wide survey. (85-WL-115)	Sewage, tank sludges, wash water, waste amine, glycols, caustic	
Shell Canada Ltd.	HCP	2	083	4	F	C		35	0	25	5	5 Cochrane	1960	1967	Landfill associated with plant with groundwater monitoring. (85-WL-115)	Amine recl. bottoms, iron sulph., catalysts, molecular sieves, filters, sc. iron	
Shell Canada Ltd.	HCP	2	083	5	F	C		35	0	25	5	5 Cochrane	1965	1980	(85-WL-115)	Soil, alum/lime dewatered sludge	
Shell Canada Ltd.	HCP	2	083	6	F	C		35	0	25	5	5 Cochrane	0	0	(85-WL-115)	Possible amine residues (from amine exchange tube bundles)	
Shell Canada Ltd.	HCP	2	114	1	F	D		20	5	70	10	5 Kinuso	1984	0	(85-WL-143)	Ash, wood, refuse.	
Shell Canada Ltd.	HCP	2	114	2	F	C		31	9	70	10	5 Kinuso	1960	1973	(85-WL-143)	General refuse.	Site has been reclaimed and revegetated.
Shell Canada Ltd.	HCP	2	114	3	F	C		35	6	70	10	5 Kinuso	0	0	(85-WL-143)	General refuse. Volumes assumed.	Site has been capped and revegetated.
Shell Canada Ltd.	HCP	2	114	4	F	C		31	30	69	10	5 Kinuso	1979	1984	(85-WL-143)	General refuse.	Site capped and revegetated.
Shell Canada Ltd.	HCP	2	085	1	F	C		35	11	54	15	5 Edson	1977	1985	L/f #1 use of neut. lime not indic. (84-WL-129)	Dessicants, glycol & prod. water filters, incin. ash, (sulfolane filters, sulph)	
Shell Canada Ltd.	HCP	2	085	2	F	C		35	11	54	15	5 Edson	0	0	L/f 2-3 use of neut. lime not ind. (84-WL-129)	Ash, construction debris, sulfolane/ethylene filter, sulphur.	
Shell Canada Ltd.	HCP	2	082	1	F	C		25	13	30	7	5 Sundre	1969	1985	Sulpur impregnated catalyst not considered hazardous. (83-WL-201)	Sulphur impregnated catalyst, ash, silica gel, filter cartridges.	

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Shell Canada Ltd.	HCP	2 086	1	F	C		20	36	62	26	5 Saundson	0	0	(83-WL-218)	Gen. ref., const. debris, alumina beads, desiccant & filters (glycol, oil, sulf)	
Shell Canada Ltd.	HCP	2 086	2	F	C		35	6	63	25	5 Valleyview	1980	1981	(83-WL-218)	Concrete, bricks, catalyst.	
Sherritt Gordon Mines Ltd.	CMP	1 008	1	T	O		10	3	55	22	4 Ft. Sask.	1954	0	Site is being licensed by S&A. (83-WL-129)	Cnst. deb., iron oxide, i. o. catalyst, alumina, ion exchng resins, wood, paper.	Groundwater monitoring being installed. Site is fenced.
Sherritt Gordon Mines Ltd.	CMP	1 008	2	F	O		20	3	55	22	4 Ft. Sask.	1986	0	(83-WL-129)	Phosphoric acid plant filters, gypsum scaled equipment.	Site is old gypsum stack.
Sherritt Gordon Mines Ltd.	CMP	1 008	3	F	C		32	3	55	22	4 Ft. Sask.	1954	1986	(83-WL-129)	Wastes can vary greatly.	Material removed from site, no longer in use.
Sick's Lethbridge Brewery Ltd.	FDP	3 004	1	F	C		21	1	9	21	4 Lethbridge	0	1950	Reclamation to be reviewed.	Cinder ash, pop bottles, beer bottles.	Dumping of waste material behind plant into coolee.
Sick's Lethbridge Brewery Ltd.	FDP	3 004	2	F	C		32	1	9	21	4 Lethbridge	0	0		Wastes removed.	Wastes removed from site to allow road construction.
Smoky River Coal Ltd.	MNG	1 010	1	F	C		35	10	58	8	6 Gr. Cache	0	0	Company disposed of wastes with mine tailings. (84-WL-039)	General refuse, const. debris, scrap metal.	
Smoky River Coal Ltd.	MNG	1 010	2	F	C		35	7	58	8	6 Gr. Cache	1985	0	Site is primarily used by Alberta Power for ash disposal. (84-WL-039)	Fly & bottom ash, general refuse, const. debris, scrap metal.	Site is partially reclaimed.
Smoky River Coal Ltd.	MNG	1 010	3	F	O		35	24	58	9	6 Gr. Cache	0	0	(84-WL-039)	General refuse, scrap metal.	
Solicitor General, Govt. of Canada	FED	3 001	1	F	C		35	1	25	1	5 Bowden	1941	1986	NW1/4. Bowden Correctional Institution.	Construction, wood, concrete, piping, gyproc, domestic, stumps.	
Solicitor General, Govt. of Canada	FED	3 001	2	F	O		35	1	25	1	5 Bowden	1984	0	NW1/4. Bowden Correctional Institute.	Construction wood, concrete, piping, gyproc, domestic, stumps.	New landfill cell.
Sovereign Castings Ltd.	MTL	2 013	1	F	C		35	0	24	29	4 Calgary	1963	1970	(82-WE-022)	Sand, slag.	
Steel Brothers Canada Ltd.	MNG	2 003	1	F	C		16	25	24	9	5 Exshaw	1970	1973	NE 1/4 of 25. Water lic. is currently under review by S&A. (82-WL-042)	Calcium hydroxide, calcium oxide (total = 13 t).	

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Steel Brothers Canada Ltd.	MNG	2 003	2	F	C		16	36	24	9	5 Exshaw	1965	1985	LSD 2 of 36. Water lic. is currently under review by S&A. (82-WL-042)	Calcium carbonate, calcium oxide (total 4570 cu. meters).	
Steel Brothers Canada Ltd.	MNG	2 003	3	F	D		16	36	24	9	5 Exshaw	1965	1985	LSD 1 of 36. Water lic. is currently under review by S&A. (82-WL-042)	Calcium oxide and calcium hydroxide (total = 5485 cu. meters).	
Stelco Pipe & Tube Co.	MTL	3 005	1	F	C		35	2	47	20	4 Camrose	1960	1970		Spent flux.	
Stelco Pipe & Tube Co.	MTL	3 005	2	F	C		35	2	47	20	4 Camrose	1960	1970		Shot blast scale, topsoil.	
Stelco Pipe & Tube Co.	MTL	3 005	3	F	C		35	2	47	20	4 Camrose	1970	1985		Shot blast scale, topsoil.	
Stelco Pipe & Tube Co.	MTL	3 005	4	F	C		35	2	47	20	4 Camrose	1985	1986		Shot blast scale.	
Stelco Pipe & Tube Co.	MTL	3 005	6	F	D		20	2	47	20	4 Camrose	1985	0	#5 landfill is considered a closed cell of this landfill.	Process scales and sludges.	
Stelco Pipe & Tube Co.	MTL	3 005	7	F	C		35	2	47	20	4 Camrose	1960	1963		Concrete, clay.	
Stelco Steel, Edmonton Works	MTL	1 001	1	F	C		35	31	52	23	4 Edmonton	1955	1962	(84-WL-058)	Slag, refractory, mill scale, construction debris, general refuse.	Runoff diversion.
Stelco Steel, Edmonton Works	MTL	1 001	2	F	C		35	31	52	23	4 Edmonton	1962	1971	Groundwater monitoring in the area, runoff diversion. (84-WL-058)	Baghouse dust, slag, refractory, mill scale, general.	Runoff diversion.
Stelco Steel, Edmonton Works	MTL	1 001	3	F	C		35	30	52	23	4 Edmonton	1966	1973	(84-WL-058)	Slag, skulls.	
Stelco Steel, Edmonton Works	MTL	1 001	4	F	C		35	31	52	23	4 Edmonton	1972	1973	(84-WL-058)	Slough dredgings.	Runoff diversion.
Stelco Steel, Edmonton Works	MTL	1 001	5	F	C		35	31	52	23	4 Edmonton	1968	1971	Groundwater monitoring in the area, runoff diversion. (84-WL-058)	Baghouse dust, slag.	Runoff diversion.
Stelco Steel, Edmonton Works	MTL	1 001	6	T	D		30	30	52	23	4 Edmonton	1972	0	Landfill licensed. (84-WL-058)	Baghouse dust (large ants) slag, refractory, mill scale & sludge, shredder wool.	Landfill licensed and runoff diverted.
Stelpipe, Edmonton Finishing Works	MTL	3 006	1	F	C		35	23	52	24	4 Edmonton	1956	1982		Shot blast scale, concrete.	
Stelpipe, Edmonton Finishing Works	MTL	3 006	2	F	D		20	23	52	24	4 Edmonton	1956	0		Mill scale and sludges, concrete.	

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Sulpetro Ltd.	MCP	2	093	1	F	C		35	20	40	10	4 Provost	1979	1980	Used during construction of plant and startup. (88-WL-022). Operated by Esso.	Construction debris, filters (possible DEA).	
Sulpetro Ltd. - Big Bend #1	MCP	2	090	1	F	D		12	36	66	27	4 Flatbush	1977	0	Amine filters, dessicants, tank bottoms, gnrl waste. (88-WL-021). Oprtd by Esso.	Ashes from burning of general & const. debris, metal scrap pit 10-20% full.	
Sulpetro Ltd. - Big Bend #2	MCP	2	090	2	F	C		27	36	66	27	4 Flatbush	1972	1986	G.W. monitoring reqd. under the c.w. license. (88-WL-021). Operated by Esso.	Amine filters, dessicants, tank bottoms, general waste.	
Sulpetro Ltd. - Big Bend #3	MCP	2	090	3	F	C		27	36	66	27	4 Flatbush	1972	1977	Rev. Nov. 18/87. LSD 13/36. Neut. lime not indictd (88-WL-021). Op. by Esso.	Iron sponge, general refuse, construction debris.	
Sulpetro Ltd. - Buck Lake	MCP	2	092	1	F	C		35	5	46	6	5 Buck Lake	1974	1982	(85-WL-101). Operated by Norcen.	Lime and caustic (total = 2 ton)	
Sulpetro Ltd. - Buck Lake	MCP	2	092	2	F	C		35	5	46	6	5 Buck Lake	0	0	(85-WL-101). Operated by Norcen.	Alumina catalyst.	
Sulpetro Ltd. - Buck Lake	MCP	2	092	5	F	C		35	5	46	6	5 Buck Lake	1981	1985	L/f 85 assessed 2 other abandoned cells 4 and 3. (85-WL-101). Op. by Norcen	General refuse.	
Sulpetro Ltd. - Buck Lake	MCP	2	092	6	F	D		20	5	46	6	5 Buck Lake	1985	0	(85-WL-101). Operated by Norcen.	General refuse, construction debris.	
Sulpetro Ltd. - Wapiti	MCP	2	091	1	F	D		35	5	69	9	6 Gr Prairie	1985	0	Lime pit suff. to neutr. small ant. of iron sponge. (84-WL-068) Op. by Esso.	Iron sponge (lime added).	Lime lined pit.
Summit Lime Works Ltd.	MNG	2	004	1	F	D		20	0	8	5	5 Coleman	0	0	Use of chemical conversion process. (86-WL-037)	Waste lime, construction waste.	
Summit Lime Works Ltd.	MNG	2	004	2	F	C		27	7	8	5	5 Coleman	1903	0	Site should be included in the water license. (86-WL-037)	Waste lime, ashes.	
Suncor Inc.	PUO	1	001	1	F	C		35	0	92	10	4 FtMcMurray	1964	1972	(84-WL-101)	General refuse, scrap metal, catalyst, asbestos.	
Suncor Inc.	PUO	1	001	2	F	C		35	0	92	10	4 FtMcMurray	1964	1979	(84-WL-101)	Scrap iron, construction debris.	
Suncor Inc.	PUO	1	001	3	F	C		34	24	92	10	4 FtMcMurray	1967	0	Codisp. with oversized rejects. (84-WL-101)	Vetrocoke cans.	

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Suncor Inc.	PUO	1	001	4	F	C		34	13	92	10	4 FtMcMurray	1968	0	(84-WL-101)	Vetrocoke cans.	
Suncor Inc.	PUO	1	001	5	F	C		36	0	92	10	4 FtMcMurray	1969	1969	(84-WL-101)	Concentrated vetrocoke solution.	Wastes are barrelled and inside a concrete enclosure covered with reject rock.
Suncor Inc.	PUO	1	001	6	F	C		35	0	92	10	4 FtMcMurray	1972	1978	(84-WL-101)	General refuse, catalyst, scrap metal, asbestos.	
Suncor Inc.	PUO	1	001	7	F	O		20	0	92	10	4 FtMcMurray	1978	0	Some metal still to be buried. (84-WL-101)	General refuse, scrap metal, asbestos, rubber, catalyst, fly ash.	
Suncor Inc.	PUO	1	001	8	F	C		35	0	92	10	4 FtMcMurray	1978	1979	Sulphur disposed of on limestone surface and is well monitored. (84-WL-101)	Sulphur (22,000 tons)	Buried with limestone.
Suncor Inc.	PUO	1	001	9	F	C		35	0	92	10	4 FtMcMurray	1983	1985	(84-WL-101)	General refuse, asbestos, scrap iron, catalyst.	
Suncor Inc.	PUO	1	001	10	T	C		30	0	92	10	4 FtMcMurray	1985	1985	(84-WL-101)	General refuse, asbestos, catalyst, scrap metal, rubber.	Site licensed by Alberta Environment.
Suncor Inc.	PUO	1	001	11	T	O		30	0	92	10	4 FtMcMurray	1985	0	(84-WL-101)	General refuse, scrap iron, rubber, asbestos, catalyst.	Licensed by Alberta Environment.
Superfos Canada Ltd.	HCP	5	002	1	F	C		36	10	38	9	5 Strachan	0	1979	Study undertaken by ESD indicates site is under control.	Sulphur.	Site capped and revegetated.
Syncrude Canada Ltd.	PUO	1	002	1	F	C		35	0	93	10	4 FtMcMurray	1975	1979	(83-WL-210)E. Contained within the tailings pond.	Construction material and domestic garbage.	Groundwater monitoring exists around the periphery of the tailings pond.
Syncrude Canada Ltd.	PUO	1	002	2	T	O		30	2	93	11	4 FtMcMurray	1983	0	Mined out areas. (83-WL-210)E	Const. deb, spent catalyst, tank bottom sludges, vanadium pentoxide, contam soil	Disposal records kept. 10-15m of overburden will eventually cover disposed site.
Syncrude Canada Ltd.	PUO	1	002	3	T	O		30	34	92	11	4 FtMcMurray	1979	0	(83-WL-210)E	Construction material and domestic garbage.	Locked fence around active trench.
Syncrude Canada Ltd.	SIG	2	003	1	F	C		35	6	53	23	4 Edmonton	1975	1983	(84-WL-167)	Construction debris & dredged sand.	
Texaco Canada Resources	HCP	2	096	1	F	C		35	22	40	3	5 Eckville	1960	1974	(85-WL-064)	Construction debris, tank bottoms, produced water.	

INDUSTRIAL WASTE LANDFILL PROGRAM
HELP END LANDFILL POLLUTION, (H.E.L.P.)

INDUSTRIAL LANDFILL MANAGEMENT CONTROL SYSTEM

COMPANY	TYPE	SUB	GRP	L/F #	L/F LIC	L/F STAT	STATUS	SECT	TWP	RGE	W/M	AREA	OPER FROM	OPER TO	OVERALL COMMENTS	WASTE TYPES	DESIGN & OPERATION
Texaco Canada Resources	HCP	2	095	1	F	D		20	17	47	27	4 Mulhurst	1976	0	Landfill covered under UMA Landfill Report. (84-WL-085)	Catalyst, mole sieve.	
Texaco Canada Resources	HCP	2	095	2	F	C		35	17	47	27	4 Mulhurst	1983	1983	(84-WL-085)	Construction debris.	
Texaco Canada Resources	HCP	2	095	3	F	D		20	17	47	27	4 Mulhurst	1982	0	G/W monitoring present around plant, down gradient of landfill. (84-WL-085)	Insulation, empty barrels.	
Texaco Canada Resources	HCP	2	095	4	F	D		20	17	47	27	4 Mulhurst	1956	0	Landfill covered under UMA Report. (84-WL-085)	Cooling tower sludge.	
Texaco Canada Resources	HCP	2	095	5	F	C		34	17	47	27	4 Mulhurst	1954	1960	Landfill covered under UMA Report. (84-WL-085)	Const. debris, gen. ref., catalysts, desiccants, filters, tank bottoms, slop oil	
Texaco Canada Resources	HCP	2	095	6	F	D		20	17	47	27	4 Mulhurst	1973	0	Groundwater monitoring present around plant, down gradient. (84-WL-085)	Sulphur	
The Alberta Gas Ethylene Co. Ltd.	CHP	3	001	1	F	C		35	31	38	25	4 Red Deer	1977	1982	(84-WL-065, 84-WL-066, 84-WL-067)	Burned process wastes.	
The Canadian Salt Company Ltd.	MNG	5	002	1	F	C		17	26	56	5	4 Lindberg	1948	1985	L/F at bottom of hill (appr. 35 m vertical) from resid. & farms. (83-WL-112)	Salt, concrete, gypsum, metals.	Company to undertake groundwater monitoring.
Thio-Pet Chemicals Ltd.	CHP	4	007	1	F	C		32	3	55	22	4 Ft. Sask.	1969	1982	(85-WL-092)	Sulphur.	Sulphur material removed.
Toronto Dominion Bank	ARC	1	011	1	F	A		31	10	39	27	4 Red Deer	0	0	Property obtained by TD Bank with wastes on it. Site cleaned in '87.	Oily "crud" on water. Oil soaked sand surrounding pit.	All liquids were removed by a vacuum truck. Remaining mat. will be spread out.
Trans Alta Utilities Corporation	UTL	1	005	1	F	D		20	11	53	4	5 Wabamun	1963	0	Burial in reclaimed mining cuts. (83-WL-127)	General refuse.	Wastes are covered every four months.
Trans Alta Utilities Corporation	UTL	1	005	2	F	C		20	16	53	4	5 Wabamun	1985	0	(83-WL-127)	Fly ash.	Exposed ash is kept moist.
Trans Alta Utilities Corporation	UTL	1	005	3	F	C		31	23	53	4	5 Wabamun	1984	1988	(83-WL-127)	Asbestos (in double bags).	Asbestos material in double bags was covered with 5.0m of material upon closure.

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Trans Alta Utilities Corporation	UTL	1	005	4	F	C		35	14	52	4	S Wabamun	1979	1985	(83-WL-127)	Fly ash.	Site was levelled and covered with 1.6 meters of cover.
Trans Alta Utilities Corporation	UTL	1	006	1	F	C		17	20	52	5	S Seba Beach	1956	1974	L/f specific monitoring required. (83-WL-182)	General refuse, construction debris.	Good records of wastes in landfill.
Trans Alta Utilities Corporation	UTL	1	006	2	F	D		20	20	52	5	S Seba Beach	1984	0	(83-WL-182)	Asbestos only.	Asbestos is double bagged in 7 ml plastic bags.
Trans Alta Utilities Corporation	UTL	1	006	3	F	C		27	19	52	5	S Seba Beach	1974	1977	Plant wide monitoring. (83-WL-182) L/f specific monitoring required.	Gen. ref., const. debris.	Good records of types of materials deposited.
Trans Alta Utilities Corporation	UTL	1	006	4	F	C		27	20	52	5	S Seba Beach	1977	1979	Plant wide monitoring (83-WL-182) L/f specific monitoring required.	Gen. ref., const. debris.	Good waste type records.
Trans Alta Utilities Corporation	UTL	1	006	5	F	D		20	20	52	5	S Seba Beach	1983	0	(83-WL-182)	Gen. ref., const. debris.	
Trans Alta Utilities Corporation	UTL	1	006	7	F	D		20	4	52	4	S Seba Beach	1986	0	(83-WL-182)	General refuse, oil filters, tires.	Waste disposed by covering with reclaim material. (83-WL-182)
Trans Alta Utilities Corporation	UTL	1	006	8	F	C		35	18	52	4	S Seba Beach	1985	1987	(83-WL-182)	General refuse, oil filters, tires.	Waste disposal by covering with reclaim material. (83-WL-182)
Trans Alta Utilities Corporation	UTL	1	007	1	F	D		20	25	51	4	S Duffield	1979	0	(83-WL-060)	Construction debris, paper, general refuse.	
Trans Alta Utilities Corporation	UTL	2	005	1	F	C		11	3	25	8	S Seebe	1975	0	Landfill inactive.	General refuse (90%), oily rags, paper, waste oil (8%), const. debris (1%)	
Trans Alta Utilities Corporation	UTL	2	005	2	F	C		32	3	25	8	S Seebe	1975	1988	Clean-up undertaken.	Dry electrical equipment, wood, rags, scrap metal, etc.	Material has been excavated and placed in steel drums. Site to be backfilled.
Trans Alta Utilities Corporation	UTL	2	005	3	F	C		11	10	25	8	S Seebe	1950	1976	Some reclamation already undertaken.	General refuse, construction debris, oily rags	
Trans Alta Utilities Corporation	UTL	2	005	4	F	D		20	10	25	8	S Seebe	1986	0		Construction debris.	

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Trans Alta Utilities Corporation	UTL	2 005	5	F	D		20	27	45	10	5	Brazeau	1972	0		
Trans Alta Utilities Corporation	UTL	2 005	6	F	C		25	27	45	10	5	Brazeau	1962	1973	General refuse, construction debris, misc. metal, ash	
Trans Alta Utilities Corporation	UTL	2 005	7	F	C		35	18	46	11	5	Brazeau	1962	1980	General refuse, construction debris.	Some reclamation has been carried out at this site.
Trans Alta Utilities Corporation	UTL	2 005	8	F	C		35	30	24	10	5	Canmore	1955	1973	General refuse, construction debris.	
Trans Alta Utilities Corporation	UTL	2 005	9	F	C		35	30	24	10	5	Canmore	1950	1973	Scrap metal	
Trans Alta Utilities Corporation	UTL	2 005	10	F	C		11	6	25	2	5	Bearspaw	1986	0	General refuse, trace amounts of septic sludge.	
Trans Alta Utilities Corporation	UTL	2 005	11	F	C		34	6	25	2	5	Bearspaw	1955	1986	Oily/greasy rags, paper, general refuse, construction debris.	
Trans Alta Utilities Corporation	UTL	2 005	12	F	D		20	35	38	17	5	Big Horn	1984	0	Oily/greasy rags, paper, general refuse, const. debris.	
Trans Alta Utilities Corporation	UTL	2 005	13	F	C		35	35	38	17	5	Bighorn	1969	1973	General refuse, construction debris.	
Trans Alta Utilities Corporation	UTL	2 005	14	F	D		20	18	26	5	5	Ghost Lake	1986	0	General refuse, construction debris.	Site is partially reclaimed.
Trans Alta Utilities Corporation	UTL	2 005	15	F	C		35	18	26	5	5	Ghost Lake	1955	1986	General refuse (90%), construction debris, oily rags.	
Trans Mountain Pipe Line Co. Ltd.	HCP	6 013	1	F	D		20	5	53	22	4	Edmonton	1953	0	General refuse, construction debris, oily rags.	
Trans Mountain Pipe Line Co. Ltd.	HCP	6 013	2	F	C		31	5	53	23	4	Edmonton	1953	1986	In 1988 site will be decommissioned & used only for emergencies.	Oily sludge and waste oil.	Floating oil is periodically skimmed off the surface.
Trans Mountain Pipe Line Co. Ltd.	HCP	6 013	3	F	C		35	12	53	1	5	StonyPlain	1984	1984	Site is reclaimed with most material removed to Clover Bar Landfill. Three smaller pits also associated with this site.	Construction debris. Construction debris from demolition of a building.	Site is reclaimed with most material removed to Clover Bar Landfill.

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Trans Mountain Pipe Line Co. Ltd.	MCP	6	013	4	F	C		35	13	53	6	5 Gainford	1957	1960		Small quantity of pigging wax.	
Trans Mountain Pipe Line Co. Ltd.	MCP	6	013	5	F	C		35	12	53	6	5 Gainford	1977	1977	Contaminated soil was landfarmed at the station.	Contaminated soil (oily).	
Trans Mountain Pipe Line Co. Ltd.	MCP	6	013	6	F	C		35	34	53	13	5 Hinton	1957	1963	Old oily water sump pit, water was burned off.	Oily sludges.	
Trans Mountain Pipe Line Co. Ltd.	MCP	6	013	7	F	C		35	34	53	13	5 Hinton	1984	1984	Site was used once during demolition of pumping station.	Demolition debris (600 m).	
Trans Mountain Pipe Line Co. Ltd.	MCP	6	013	8	F	O		20	18	53	18	5 Edson	1953	0	Oily sludge holding pit.	Oily sludge and waste oil.	Site is bermed and surface oil is skimmed off.
Trans Mountain Pipe Line Co. Ltd.	MCP	6	013	9	F	O		20	18	53	18	5 Edson	1953	0	Pigging wax-weathered prior burial.	Pigging wax	Berm used to control runoff.
Trans Mountain Pipe Line Co. Ltd.	MCP	6	013	10	F	O		20	18	53	18	5 Edson	1953	0	Pigging wax is weathered.	Pigging wax.	
Trans Mountain Pipe Line Co. Ltd.	MCP	6	013	11	F	O		20	18	53	18	5 Edson	1953	0		Construction debris.	
Trans Mountain Pipe Line Co. Ltd.	MCP	6	013	12	F	O		20	23	50	26	5 Hinton	1957	0	Landfill for weathering of pigging wax, has not been used since 1985.	Pigging wax.	Berm to control runoff in place.
Trans Mountain Pipe Line Co. Ltd.	MCP	6	013	13	F	C		35	23	50	26	5 Hinton	1957	1977	Site was used as burn pit for sludge and oil.	Oily sludge.	
Trans Mountain Pipe Line Co. Ltd.	MCP	6	013	14	F	C		35	33	49	26	5 Hinton	1984	1984	Site used to dispose of demolition debris when facility taken out of service.	Construction debris.	
Trans Mountain Pipe Line Co. Ltd.	MCP	6	013	15	F	O		20	2	46	1	6 Jasper	1953	0	Site is used to weather pigging wax.	Pigging wax.	Berm in place to divert runoff.
Transport Canada	FED	4	001	1	F	C		11	13	25	1	5 Calgary	1958	1985		Trade, some industrial, concrete, metals, plastics, wood.	Filling in of natural depression.
Turbo Lubrefinery	MCP	3	002	1	F	C		13	0	53	24	4 Edmonton	1966	1975	Site was holding pond-filled in, s/v-G/W monit. pres. at l/f. (85-WL-113)	Acid sludges, spent clay.	Groundwater monitoring of site.

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Turbo Resources Ltd.	HCP	1	006	1	F	O	20	1	26	29	4	Balzac	1986	0	Landfarm. (82-WL-190)	Oily contaminated soil, runoff silt.	Landfarm.
Unocal Canada Ltd.	PUO	3	086	1	F	C	35	17	87	8	5	Redearth	1977	1977	(85-WL-161)	Const. debris, scrap metal, 50 barrels (demulsifiers & refined petro prod.)	
Unocal Canada Ltd.	PUO	3	086	2	T	O	30	32	87	19	4	Buffalo Ck	1982	0	License #RD616. (85-WL-161)	Mainly gen. refuse, some insulation & water filter buried.	
Unocal Canada Ltd.	PUO	3	086	3	F	C	35	5	88	19	4	Buffalo Ck	1978	1987	(85-WL-161)	Const. debris, insulation, incinerated kitchen wastes and bitumen.	
Unocal Canada Ltd.	PUO	3	086	4	F	C	15	21	89	21	4	BlanchetLk	1984	1987	LSD 14 of 21	Iron sponge (15-45 m3)	3mm synthetic liner, 2' lime treatment layer.
Walbern Agri-Systems	MAN	2	025	1	F	O	20	0	30	25	4	Linden	1957	0		Scrap steel, pallets and lumber.	
Weldwood of Canada Ltd.	WDP	3	006	1	F	O	20	29	72	6	5	Slave Lake	1981	0	(85-WL-138). NW of 29.	Wood fibre, ash.	
Western Canada Steel	MTL	1	002	1	F	O	14	10	24	29	4	Calgary	1964	0	(82-WE-020)	Slag, mill scale, emission dust, brick, construction debris.	
Western Co-operative Fertilizers Ltd.	CHP	1	010	1	F	C	35	11	13	6	4	Med. Hat	1956	1982	(83-WL-185)	Asbestos, empty drums, filter cloth, roofing oil.	
Western Co-operative Fertilizers Ltd.	CHP	1	010	2	F	C	35	13	13	6	4	Med. Hat	1976	1979	(83-WL-185)	Const. debris, plastic pipe, oil filters, empty drums.	
Western Co-operative Fertilizers Ltd.	CHP	1	010	3	F	O	20	11	13	6	4	Med. Hat	1987	0	(83-WL-185)	Concrete brick, scrap metal.	
Western Co-operative Fertilizers Ltd.	CHP	1	010	4	F	C	36	11	13	6	4	Med. Hat	1971	1976	Use of neutralizing lime not indicated. (83-WL-185)	Waste sulphur, empty drums, spent catalyst, grog oil, roofing.	
Western Co-operative Fertilizers Ltd.	CHP	1	010	5	F	C	35	11	13	6	4	Med. Hat	1977	1978	(83-WL-185)	Scrap metal, plastic, empty drums, rubber lined stacks.	
Western Co-operative Fertilizers Ltd.	CHP	1	010	6	F	C	35	11	13	6	4	Med. Hat	1964	1974	(83-WL-185)	Oil, oil filters, concrete.	
Western Co-operative Fertilizers Ltd.	CHP	1	009	1	F	O	21	16	23	29	4	Calgary	1970	0	Facility is being shut down for an undetermined period. (83-WL-088)	V205 catalyst, sulp., crushed barrels, slack wax possibly MEA reclaimer bottoms.	Built into gypsum pond, possible plant wide g/w monitoring.

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Western Co-operative Fertilizers Ltd.	CHP	1	009	2	F	C		21	16	23	29	4 Calgary	1977	1983	Facility is being shutdown for an undetermined period. (82-WL-088)	Sulphur, rubberlined steel, asphalt, timbers, conc., possibly MEA recl. bottoms.	Possible plant wide g/w monitoring.
Western Decalta Petroleum	ARC	1	025	1	F	A		14	0	20	2	5 Turner Val	1938	1984	Old gas plt. To be taken over by Dept. of Culture-will be assessing site with AE		
Western Decalta Petroleum (1977) Ltd.	NCP	2	098	1	F	C		31	6	34	1	6 Manning	1974	1987	(85-WL-107)	Iron sponge lime lined pit.	Pits are "lime lined". Site was reclaimed upon closure.

Alberta NEWS RELEASE

GOVERNMENT OF ALBERTA

Date: June 27, 1988 No. 103

Subject: **KOWALSKI UPDATES ALBERTANS ON H.E.L.P. PROGRAM**

Environment Minister, Ken Kowalski today announced that Phase II of the three-phase Help End Landfill Pollution (H.E.L.P.) program is now complete and 680 sites have been identified. The program, which was announced in September 1986, was initiated in response to concerns about the past and present waste disposal practices of Alberta industries for active, closed and abandoned landfill sites, and is part of an overall waste management strategy for Alberta Environment.

Assessment of Industrial Landfills

The inventory of sites has increased due to additional responses received from industry and the discovery of archival sites through research completed by Environment officials. All industrial landfills identified in the inventory have been assessed based on the waste type and it's potential for hazard to human health or the environment. This assessment process allowed Department officials to ascertain the status of each landfill. Where necessary, an appropriate action plan has been implemented.

A number of the industrial sites were investigated further and resulted in the identification of some sites that required upgrading. Most of the companies have already completed or begun the appropriate site improvement action, and it is anticipated that all upgrading will be completed by the end of the program this fall.

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"I am extremely pleased with the cooperation we have received from the private sector. The H.E.L.P. program has raised the awareness of industry about the importance of landfill practices and I believe it is indicative of their commitment to ensure that the environment is protected and that industrial landfills are properly managed," said Mr. Kowalski.

Archival and Abandoned Landfills

Alberta Environment is committed to taking the appropriate action on abandoned or archival sites, and will be communicating with Alberta communities where these sites now exist. Forty-six archival sites have been identified, and where necessary, Department staff will undertake archival site improvement action.

The Environment Department will continue to carry out intensive research into archival sites where no company is available to provide information for assessment. It is anticipated that the archival inventory will grow as Environment officials expect to detect additional landfills which have remained abandoned for some time. Albertans are still encouraged to call Alberta Environment with any leads they may have regarding archival landfill sites.

Long-term Landfill Management

Mr. Kowalski also announced the Data Tracking and Management Control System for industrial landfills. A record for each landfill has been created to show current status, location and other information. The long-term management of industrial landfills will remain the responsibility of Alberta Environment.

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"The H.E.L.P. program represents the first assessment of all industrial landfill sites by one province in Canada. I anticipate that the third and final phase of the program will come to a conclusion this fall and I will provide Albertans with a final update. At that time, Albertans may be assured that all industrial landfills have been identified, assessed and improvement action taken where necessary and that the Department has in place a system for the ongoing management of these sites," concluded the Environment Minister.

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